

**Loc: B082/05/2-B082/17/6**  
**Accession No. 68A1545**  
**Job No. 4KR-326-83-003**

**RG 326**  
**Atomic Energy Commission**

**Oak Ridge Operations Office**

**Reactor Division**  
**Correspondence Files**  
**1955-1964**

**Entry 020**  
**Boxes 1-95**

Ship-19

STANDARD FORM 135  
JULY 1961 EDITION  
GENERAL SERVICES ADMIN.  
FPMR (41 CFR) 101-11.4

**RECORDS TRANSMITTAL  
AND RECEIPT**

TO BE COMPLETED AT FEDERAL RECORDS CENTER

ACCESSION NO. **08A1545** RECORD GROUP NO. **326**

**INSTRUCTIONS**  
Send original and two copies to appropriate  
Federal Records Center.  
**EXCEPTION**—Send original and three copies to the  
Alexandria, Virginia, Center

SIGNATURE *Fred W. Hanner* DATE RECORDS RECEIVED **4-16-68**  
Chief, Accession and Disposal Branch  
Federal Records Center, East Point, Ga.

FROM: (Name and address of Agency transferring records)  
**U. S. Atomic Energy Commission  
Oak Ridge Operations Office  
P. O. Box E, Oak Ridge, Tennessee**

TO: **Federal Records Center, GSA  
1557 St. Joseph Avenue  
East Point, Georgia 30044**

1. CITE SECURITY CLASSIFICATION AND/OR RESTRICTION ON USE OF RECORDS, IF ANY  
**OFFICIAL USE ONLY - Access Restricted to USAEC Officials**

2. SQUARE FEET OF SPACE CLEARED  
A. OFFICE  
B. STORAGE **18**  
3. FILING EQUIPMENT EMPTIED  
A. FILE CABINETS (No.)  
B. TRANS. FILES (No.) **40**  
C. SHELVING (Ltr. Fl.) **235**  
4. CUBIC FEET OF RECORDS TRANSFERRED **95**

5. NAME OF AGENCY CUSTODIAN OF RECORDS **F. F. Beets, Jr.**  
6. BUILDING AND ROOM NO. **2714-H**  
7. TELEPHONE NO. **483-8611  
Ext. 3-4586**

8. MAY THE RECORDS BE DESTROYED AS SCHEDULED WITHOUT FURTHER AGENCY CONCURRENCE?  YES  NO

9. AGENCY OFFICIAL (Signature) **Raymond S. Stripling** ORIGINAL SIGNED BY **RAYMOND S. STRIPLING**  
10. TITLE **Chief, Office Services Branch**  
11. DATE **4/3/68**

12. BOX NUMBERS  
FRC ONLY AGENCY  
13. DESCRIPTION OF RECORDS WITH INCLUSIVE DATES  
(Show organizational component creating records)  
14. DISPOSAL AUTHORITY  
(Schedule and Item No.)

**OFFICIAL CORRESPONDENCE FILES OF THE REACTOR DIVISION**

**Reactor Division Correspondence - Shipment 2467  
1955 ----- 1960**

**Indefinite  
Schedule R-1**

- 316307 Box 1 BA&F thru I&P-2 (Requests & Acknowledgements)
- 316308 Box 2 I&P-2 (Questionnaire) thru International Affairs 2-7
- 316309 Box 3 International Affairs 2-7 thru International Affairs 8
- 316310 Box 4 International Affairs 8 thru International Affairs 10
- 316311 Box 5 International Affairs 12 thru International Affairs 21-1
- 316312 Box 6 International Affairs 21-1 thru Organization and Management 3-2
- 316313 Box 7 Organization & Management 6-1 thru PLBL 48
- 316314 Box 8 PLBL-50 thru Reactor Development 3
- 316315 Box 9 Reactor Development 3 thru Reactor Development 3 (Team Report)
- 316316 Box 10 Reactor Development 3 (Thorium) thru Reactor Development 8
- 316317 Box 11 Reactor Development 8 thru Reactor Development 10-1 (August 1960)

STANDARD FORM 135-A JULY 1961 EDITION GENERAL SERVICES ADMIN. (41 CFR) 101-11.4	<b>RECORDS TRANSMITTAL AND RECEIPT (CONTINUATION)</b>	AGENCY	DATE
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BOX NUMBERS		DESCRIPTION OF RECORDS WITH INCLUSIVE DATES	DISPOSAL AUTHORITY
FRC ONLY	AGENCY		

FRC ONLY	AGENCY	DESCRIPTION OF RECORDS WITH INCLUSIVE DATES	DISPOSAL AUTHORITY
316318	Box 12	Reactor Development 10-1 (July 1960) thru Reactor Development 10-1 (October 1959)	
316319	Box 13	Reactor Development 10-1 (September 1959) thru SSPWR Conceptual Design	
316320	Box 14	Task Force Evaluation of SSNPP thru RD 10-1 (Small Boiling Water Reactor)	
316321	Box 15	Contract AT-11-1-652 thru Reactor Development 10-3	
✓316322	Box 16	RD - 10-3 thru RD - 10-5 (EGCR I & P)	
316323	Box 17	RD - 10-5 (EGCR I & P) thru RD-10-5 (EGCR Personnel)	
316324	Box 18	RD - 10-5 (EGCR-PLBL-2) thru RD - 10-5 (EGCR - PLBL 8)	
316325	Box 19	RD - 10-5 (EGCR PLBL-8 thru RD - 10-5 (EGCR-RD-5)	
316326	Box 20	RD - 10-5 (EGCR RD-5) thru RD - 10-5 (EGCR RD-7-2)	
316327	Box 21	RD - 10-5 (EGCR RD-8) thru EGCR Preliminary Studies	
316328	Box 22	PEGCPR Job Reports	
316329	Box 23	PEGCPR Job Reports	
✓316330	Box 24	RD - 10-5 (EGCR-RD-9) thru RD - 10-5 - Gas Cooled	
✓316331	Box 25	Kaiser Work on Gas Cooled thru Report IDO 24027	
316332	Box 26	Report IDO 24027 thru RD - 21 (Training)	
316333	Box 27	RD 21 (Training) thru RD-22 (10 Year Study)	
316334	Box 28	RD 22 (10 Year Study) thru RD 25 (ORNL Advisory Group)	
316335	Box 29	RD 25 (Sargent and Lundy) thru RD - 1-1 (Proposals)	
316336	Box 30	RD - 1-1 (Proposals) thru Transportation 4	
316337	Box 31	Reactor Division Correspondence - Shipment 2548	
		1957 ————— 1961	
		International Affairs 2-2 thru International Affairs 2-8	
316338	Box 32	International Affairs 2-8 thru International Affairs 8	
316339	Box 33	International Affairs 8 thru International Affairs 10	
316340	Box 34	International Affairs 10 thru Personnel 17	

STANDARD FORM 135-A JULY 1961 EDITION GENERAL SERVICES ADMIN. FPMR (41 CFR) 101-11.4		RECORDS TRANSMITTAL AND RECEIPT (CONTINUATION)	AGENCY	DATE
BOX NUMBERS		DESCRIPTION OF RECORDS WITH INCLUSIVE DATES	AGENCY	DISPOSAL AUTHORITY
FRC ONLY	AGENCY			
316341	Box 35	Personnel 19 thru Reactor Development 3-1		
316342	Box 36	Reactor Development 3-2 thru Reactor Development 8		
316343	Box 37	Reactor Development 10-1 thru Reactor Development 10-1		
316344	Box 38	SSPWR Meltdown Analysis thru RD - 10-5 (EGCR Budget)		
316345	Box 39	RD 10-5 (EGCR Contracts) thru RD 10-5 (EGCR PLBL)		
316346	Box 40	RD 10-5 (EGCR PLBL-4) thru RD - 10-5 (EGCR-PLBL-8)		
316347	Box 41	RD - 10-5 (EGCR PLBL-8) thru RD 10-5 (EGCR RD-7-1)		
316348	Box 42	RD - 10-5 (EGCR RD - 7-1) thru RD - 10-5 (EGCR 7-2)		
316349	Box 43	RD - 10-5 (EGCR RD 8) thru RD - 10-5 (Advanced Gas Cooled Reactor)		
316350	Box 44	RD - 10-6 (Molton Salt) thru RD - 1-1		
316351	Box 45	RD - 1-1 thru UKAEA Drawings  Reactor Division Correspondence - Shipment 2641  5/60 thru 12/62  International Affairs 2 thru International Affairs 2-8(AGR)		
316352	Box 46	International Affairs 2-8 thru International Affairs 8		
316353	Box 47	International Affairs 8 thru MH&S - 3-2		
316354	Box 48	MH&S - 3-2 thru RD-7 (Reactor Components)		
316355	Box 49	RD - 7-1 (Control Systems) thru RD - 10-1 Bombs(O&M)		
316356	Box 50	RD - 10-1 Bombs (Personnel) thru RD - 10-1 (Bombs R&D)		
316357	Box 51	RD - 10-1 (Bombs Security) thru RD 10-5 (EGCR Budget)		
316358	Box 52	RD - 10-5 (EGCR C&R) thru RD - 10-5 (EGCR PLBL)		
316359	Box 53	RD 10-5 (EGCR PLBL-4) thru RD - 10-5 (EGCR RD-7-2)		
316360	Box 54	RD 10-5 (EGCR R&D 7-2) thru RD 10-5 (EGCR Transportation)		
316361	Box 55	RD - 10-5 (Advanced Gas Cooled Reactor) thru RD-32  Reactor Division Correspondence - Shipment 2709  1954 thru 1963		

STANDARD FORM 135-A  
 JULY 1961 EDITION  
 GENERAL SERVICES ADMIN.  
 (41 CFR) 101-11.4

**RECORDS TRANSMITTAL  
 AND RECEIPT  
 (CONTINUATION)**

AGENCY

DATE

BOX NUMBERS  
**FRC ONLY**      AGENCY      DESCRIPTION OF RECORDS WITH INCLUSIVE DATES      DISPOSAL AUTHORITY

		International Affairs (Reports AEEW-M-4 thru AERE-R-3412)	
316362	Box 56	International Affairs AERE - R - 3443 thru DP-Memo 42	
316363	Box 57	DP-Report 1 thru DP-Report 120	
316364	Box 58	DP-Report 121 thru DRPDD/848	
316365	Box 59	DPSL-Issue 2 thru PG Memo 951	
316366	Box 60	PG Report 158 thru TRG Report 53(CA)	
316367	Box 61	TRG Report 58(R) thru Dragon Project Data Sheet	
316368	Box 62	Reactor Division Correspondence - Shipment 2750	
316369	Box 63	International Affairs 2 thru International Affairs 2-7	
316370	Box 64	International Affairs 2-7 thru International Affairs 10	
316371	Box 65	International Affairs 10 thru MH&S 3-2	
31 2	Box 66	MH&S 3-6 thru RD-8 (Reports)	
316373	Box 67	RD-8 (AECL) thru RD - 10-1 (Bonus Personnel)	
316374	Box 68	RD - 10-1 (Bonus Personnel) thru RD - 10-1 (Bonus PLBL-7)	
316375	Box 69	RD 10-1 (Bonus PLBL-7 thru RD 10-1 (Bonus Security)	
316376	Box 70	RD 10-2 thru RD 10-5 (EGCR I&P)	
316377	Box 71	RD 10-5 (EGCR Materials) thru RD 10-5 (EGCR PLBL-7)	
316378	Box 72	RD 10-5 (EGCR PLBL-7) thru RD 10-5 (EGCR RD-7-1)	
316379	Box 73	RD 10-5 (EGCR RD-7-1) thru RD 10-5 (EGCR RD 7-2)	
316380	Box 74	RD 10-5 (EGCR RD 7-2) thru RD-21	
316381	Box 75	RD-21 thru Contract AT-(40-1)-2558	
316382	Box 76	Contract AT-(40-1)-2558 thru AT-(40-1)-2559	
316383	Box 77	AT-(40-1)-2559 thru AT-(40-1)-3067	
31 94	Box 78	AT-(40-1)-3119 thru AT-(40-1)-2483	
316385	Box 79	AT-(40-1)-2483 thru AT-(40-1)-2694	
316386	Box 80	GNEC - Drawings	

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 (41 CFR) 101-11.4

**RECORDS TRANSMITTAL  
 AND RECEIPT  
 (CONTINUATION)**

AGENCY

DATE

BOX NUMBERS		DESCRIPTION OF RECORDS WITH INCLUSIVE DATES	DISPOSAL AUTHORITY
FRC ONLY	AGENCY		
316387	Box 81	Reactor Division Correspondence - Shipment 2803 1959 ————— 1954  International Affairs 2 thru International Affairs 2-8	
316388	Box 82	International Affairs 2-8 thru International Affairs 10	
316389	Box 83	International Affairs 12 thru MH&S - 3-2	
316390	Box 84	MH&S 3-2 thru Reactor Development 3-1	
316391	Box 85	Reactor Development 3-2 thru Reactor Development 8	
316392	Box 86	Reactor Development 8 thru Reactor Development 10-5 (Gen. Gas Cooled)	
316393	Box 87	RD 10-5(EGCR General) thru RD - 10-5 (EGCR MH&S)	
316394	Box 88	RD 10-5(EGCR-MH&S) thru RD 10-5 (EGCR-O&M)	
316395	Box 89	RD 10-5 (EGCR Personnel) thru RD 10-5 (EGCR-PLBL-7)	
316396	Box 90	RD 10-5 (EGCR-PLBL-7 thru RD 10-5 (EGCR-PLBL-7)	
316397	Box 91	RD 10-5 (EGCR-PLBL-7) thru RD 10-5 (EGCR 7-1)	
316398	Box 92	RD 10-5 (EGCR 7-2) thru RD 10-5 (HTGR RD 7-2)	
316399	Box 93	RD 10-5 (HTGR RD-8) thru RD 10-5 (HTGR 1962)	
316400	Box 94	RD 10-5 (HTGR 1961) thru RD 3-2 Pebble Bed Reports	
316401	Box 95	RD 3-2 Pebble Bed Reports	

68A1545

INVENTORY OF RETIRED RECORDS

Instructions Printed on Back

Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Reactor Division	T. P. Carberry	2-28-63	31½ cu. ft.
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
- <del>BUDGET, ACCOUNTING &amp; FINANCE, Reactor Division</del>	5/59 - 12/60	Bot-1	
- <del>BUDGET, ACCOUNTING &amp; FINANCE, Task Force Committee-SSNPPP</del>	3/59 - 5/59		
- <del>BUDGET, ACCOUNTING &amp; FINANCE-2, Authorizing Legislation</del>	6/59 - 7/60		
- <del>BUDGET, ACCOUNTING &amp; FINANCE - 1, BOB Bulletin 60-2</del>	9/59		
<del>BUDGET, ACCOUNTING &amp; FINANCE, Program Assumptions</del>	3/59 - 12/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE, General</del>	9/60 - 12/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE, General</del>	5/60 - 8/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE, General</del>	1/60 - 4/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE, General</del>	9/59 - 12/59	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE, General</del>	1/58 - 8/59	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE - 5, Contractual Obligation Notices</del>	6/59 - 12/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE - 7</del>	10/60		
<del>BUDGET, ACCOUNTING &amp; FINANCE 7-12, Budget &amp; Reporting Classification</del>	7/59 - 4/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE 7-4, Accounting - Plant &amp; Equipment</del>	3/60 - 6/60		
<del>BUDGET, ACCOUNTING &amp; FINANCE 8, Correspondence re Rpts.</del>	7/59 - 3/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE 8, Reports</del>	6/59 - 12/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE 11, Auditing</del>	6/60 - 3/60	Destroyed	
<del>BUDGET, ACCOUNTING &amp; FINANCE 20, Taxation</del>	2/60	Destroyed	
<del>COMMUNICATIONS &amp; RECORDS 2-1, Addresses</del>	2/60 - 10/60	Destroyed	
<del>COMMUNICATIONS &amp; RECORDS 9 - Telephone Toll Charges</del>	10/60	Destroyed	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<del>✓ COMMUNICATIONS &amp; RECORDS - 17 ✓ Surveys</del>	<del>6/60 - 8/60 ✓</del>	<del>✓</del>	<del>Destroyed</del>
- ✓ AEC SUBCONTRACT WITH NATIONAL CARBON	11/57 - 6/58		
- ✓ CONTRACTS - 1 ✓ General Policy and Procedures	8/59 - 12/60 ✓		
<del>✓ CONTRACTS - 2 ✓ Invitation</del>	<del>10/57 - 12/59 ✓</del>	<del>✓</del>	<del>Destroyed</del>
- ✓ CONTRACTS - 2 Award Notifications (Fuel Cycle)	3/59		
- ✓ CONTRACTS - 8 UCNC R&D and Consultant Subcontracts	10/59		
- ✓ CONTRACTS - 9 Suppliers & Contractors	6/59 - 11/60		
- ✓ CONTRACTS - 9-1 Prospective	7/60 - 10/60		
- ✓ CONTRACTS - 17 ✓ Survey, Appraisal	8/60 ✓		
- ✓ CONTRACTS - 17 ✓ Survey, Appraisal (GA)	6/60 ✓		
<del>✓ EQUIPMENT &amp; SUPPLIES - 2 ✓ Procurement</del>	<del>9/59 - 11/60 ✓</del>	<del>✓</del>	<del>Destroyed</del>
<del>✓ EQUIPMENT &amp; SUPPLIES 2-1 ✓ Prices - Reactor Handbook</del>	<del>6/60 ✓</del>	<del>✓</del>	<del>Destroyed</del>
- ✓ EQUIPMENT & SUPPLIES 2-2 ✓ Requisitions - Reactor Div.	5/59 - 9/60 ✓		<del>Destroyed</del>
- ✓ EQUIPMENT & SUPPLIES 3 Distribution & Utilization	11/60		
- ✓ EQUIPMENT & SUPPLIES 4-3 Surplus- Excess Lists	10/59 - 1/60		
<del>✓ EQUIPMENT &amp; SUPPLIES 4-6 ✓ Transfer</del>	<del>5/60 ✓</del>	<del>✓</del>	<del>Destroyed</del>
<del>✓ EQUIPMENT &amp; SUPPLIES 8 ✓ Reports &amp; Data</del>	<del>8/59 - 11/60 ✓</del>	<del>✓</del>	<del>Destroyed</del>
<del>✓ EQUIPMENT &amp; SUPPLIES 18 ✓ Requirements</del>	<del>1/60 - 4/60 ✓</del>	<del>✓</del>	<del>Destroyed</del>
<del>✓ EQUIPMENT &amp; SUPPLIES 38 ✓ Instruments</del>	<del>12/60 ✓</del>	<del>✓</del>	<del>Destroyed</del>
- ✓ INFORMATION & PUBLICATIONS 1 Policy-Reporting of Incidents	11/60 ✓		
- ✓ INFORMATION & PUBLICATIONS 2 Requests & Acknowledgements	3/59 - 9/60		



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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
- ✓ INFORMATION & PUBLICATIONS 2 - Questionnaire		5/59 - 8/59	
- ✓ INFORMATION & PUBLICATIONS 2 - Questionnaire - Governor Correspondence		5/59 - 9/59	<i>[Handwritten signature]</i>
- ✓ INFORMATION & PUBLICATIONS 2 - Questionnaire - Supplemental Replies		12/58 - 5/59	
- ✓ INFORMATION & PUBLICATIONS 2 - Foreign Locations		1/59 - 6-59	
<del>* INFORMATION &amp; PUBLICATIONS 3 - Libraries &amp; Library Services</del>		<del>2/60 ✓</del>	
<del>✓ INFORMATION &amp; PUBLICATIONS 3-3 Bibliographies</del>		<del>4/59 - 5/59 ✓</del>	<i>[Handwritten: Destroyed]</i>
<del>✓ INFORMATION &amp; PUBLICATIONS 4-5 Articles</del>		<del>12/59 ✓</del>	<i>[Handwritten: Destroyed]</i>
<del>✓ INFORMATION &amp; PUBLICATIONS 4-6 Articles</del>		<del>10/59 ✓</del>	<i>[Handwritten: Destroyed]</i>
- ✓ INFORMATION & PUBLICATIONS 5 Speeches		6/59 - 12/60	
- ✓ INFORMATION & PUBLICATIONS 9-2 Press Clippings		1/59 - 4/59	
- ✓ INFORMATION & PUBLICATIONS 10 Motion Pictures		5/60 - 11/60	
- ✓ INFORMATION & PUBLICATIONS 12-5 Invitations		12/59	
- ✓ INFORMATION & PUBLICATIONS 12-6 Special Events, Ceremonies		7/60	
<del>✓ INFORMATION &amp; PUBLICATIONS 13 Technical Information Acquisition &amp; Dissemination</del>		<del>9/59 - 11/60</del>	<i>[Handwritten: Destroyed]</i>
- ✓ INFORMATION & PUBLICATIONS 13-3 Distribution		12/60	
- ✓ INFORMATION & PUBLICATIONS 15 Publications		6/59 - 11/60	
- ✓ INFORMATION & PUBLICATIONS 15-1 Monograms and Books		4/60 - 11/60	
- ✓ INFORMATION & PUBLICATIONS 18 Printing and Duplicating		8/60 - 11/60	
- ✓ INTERNATIONAL AFFAIRS 2 - Agreements-Netherlands		5/60	
<del>✓ INTERNATIONAL AFFAIRS 2 - AGR/EGCR -Quarterly Progress Reports</del>		<del>11/59 - 9/60</del>	

Instructions Printed on Back

Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓	INTERNATIONAL AFFAIRS 2-2 General Agreement ✓	5/60 - 8/60	
✓	INTERNATIONAL AFFAIRS 2-2 Dragon/HTGR - Materials	5/60 - 7/60	
✓	INTERNATIONAL AFFAIRS 2-3 AGR/EGCR ✓	1/60 - 12/60	
✓	INTERNATIONAL AFFAIRS 2-7 AGR/EGCR Visits	2/60 - 12/60	
✓	INTERNATIONAL AFFAIRS 2-7 AGR/EGCR Visits (Cope to UK)	5/60 - 9/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 AGR/EGCR Visits (ORNL-Greenstreet to England and Scotland)	4/60 - 7/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 AGR/EGCR Visits (ORNL-Sisman, Storto, Trauger to UK, France)	3/60 - 9/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 AGR/EGCR Visits (UK, Greenough to US)	2/60 - 5/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 AGR/EGCR Visits (UK, Goudy to ORNL, Ke, & AC)	1/60 - 4/60 ✓	
*✓	INTERNATIONAL AFFAIRS 2-7 AGR/EGCR - Visit (UK, Sir Roger Makins to US)	5/60 - 6/60	
✓	INTERNATIONAL AFFAIRS 2-7 AGR/EGCR Visits (UK, Orford, Gaunt, Stephenson to US)	2/60 - 5/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR Visits	4/60 - 12/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR Visits (ORNL, Boudreau to UK)	8/60 - 12/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR Meeting at Winfrith Heath Apr. 24-29, 1960	3/60 - 4/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR Visits - (GA, Stewart to Winfrith Heath)	4/60 - 6/60 ✓	
✓	INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR Visits (ORNL, Fraas to Winfrith Heath)	5/60 - 7/60	

INVENTORY OF RETIRED RECORDS

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<i>Box # 3</i>			
✓ INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR - Visits - (GA, Duffield, Koutz, Wikner, Stone to Winfrith Heath)	5/60 - 6/60	✓	
✓ INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR - Visits (Larkin to Winfrith Heath)	5/60 - 6/60	✓	
✓ INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR - Visits (GA-LeClair, Ginna, others to Dragon Proj.)	8/60-11/60	✓	
✓ INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR - Visits (GA, Myer to UK)	7/60 - 9/60	✓	
✓ INTERNATIONAL AFFAIRS 2-7 DRAGON/HTGR - Visits (Physics Team to GA and ORNL)	5/60 - 11/60	✓	
* ✓ INTERNATIONAL AFFAIRS 2-8 AGR/EGCR -Info.Exchange ✓	8/59 - 12/60		
✓ INTERNATIONAL AFFAIRS 2-8 DRAGON/HTGR - Info Exchange (Exchange of Ltrs.)	4/60 - 12/60	✓	
✓ INTERNATIONAL AFFAIRS 2-8 General Agreement	7/60		
* ✓ INTERNATIONAL AFFAIRS 2-3 - Atomic Energy Program	9/58 - 5/60		
✓ INTERNATIONAL AFFAIRS 5-8 Bilateral Agreements <del>XXXX</del>	4/60 - 5/60		
✓ INTERNATIONAL AFFAIRS 5-8 Libby-Cockcroft Exchange Agreement ✓	4/59 - 12/60		
✓ INTERNATIONAL AFFAIRS 6-1 EURATOM	5/57		
✓ INTERNATIONAL AFFAIRS 6-1 EURATOM (1960)	5/60 - 10/60		
✓ INTERNATIONAL AFFAIRS 8 AGR/EGCR (ORNL Quarterly Rpts.)	5/60 - 6/60		<i>Box 7</i>
✓ INTERNATIONAL AFFAIRS 8 AGR (to UK) ✓	2/60 - 12/60		
✓ INTERNATIONAL AFFAIRS 8 AGR/EGCR - Reports (from UK)	2/60 - 12/60		<i>Box 3</i>
✓ INTERNATIONAL AFFAIRS 8 DRAGON (from UK)	5/60 - 12/60		
✓ INTERNATIONAL AFFAIRS 8 DRAGON (to UK) 12-20-60	12/60		<i>Box 4</i>

INVENTORY OF RETIRED RECORDS

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<i>Box 4</i>			
✓ INTERNATIONAL AFFAIRS	8 - DRAGON Reports (to UK) 12-13-60	12/60	
✓ INTERNATIONAL AFFAIRS	8 - DRAGON/HTGR Reports (from UK)	5/60 - 10/60	
✓ INTERNATIONAL AFFAIRS	8 - DRAGON/HTGR Reports (to UK)	4/60 - 12/60	
✓ INTERNATIONAL AFFAIRS	10 - DRAGON/HTGR-Information Meeting	5/60 - 12/60	
✓ INTERNATIONAL AFFAIRS	10 - Conferences	5/58 - 7/60	<i>Box 4</i>
✓ INTERNATIONAL AFFAIRS	12 - IAEA	2/60 - 11/60	<i>Box 5</i>
✓ INTERNATIONAL AFFAIRS	12- IAEA (Reports)	3/60	
✓ INTERNATIONAL AFFAIRS	21 - Training	6/59 - 10/60	
✓ INTERNATIONAL AFFAIRS	21-1 (PRNC)	8/57 - 12/60	
✓ INTERNATIONAL AFFAIRS	21-1 (PRNC)	4/58 - 12/59	<del><i>Box 6</i></del> <i>Box 6</i>
✓ INTERNATIONAL AFFAIRS	21-1 (PRNC) Drawings	2/60	
✓ INTERNATIONAL AFFAIRS	21-1 (PRNC) Contracts	6/58 - 3/60	
<del>✓ Isotopes Program</del>	<del>9 - Food Irradiation</del>	<del>9/55</del>	<del><i>Destroyed</i></del>
✓ LEGAL - Miscellaneous		6/59	
✓ LEGAL 3 - Patents		3/60 - 10/60	
✓ LEGAL 13 - Rules & Regulations of the USAEC		6/59 - 11/60	
✓ MATERIALS	<del>Excess Lists</del>	<del>6/59 - 7/59</del>	<del><i>Destroyed</i></del>
✓ MATERIALS	<del>1 - General Policy</del>	<del>2/60 - 3/60</del>	<del><i>Destroyed</i></del>
✓ MATERIALS	2-1 ✓ Commercial Procurement	10/59 - 8/60	
✓ MATERIALS	2-5 Leased	4/60 - 12/60	
✓ MATERIALS	3 - Distribution & Transfer	8/59 - 10/60	
✓ MATERIALS	5 - Production & Fabrication	3/60 - 4/60	<del><i>Destroyed</i></del>

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<del>✓ MATERIALS 8 - Reports &amp; Data</del>		<del>9/59 ✓</del>	<i>Destroyed</i>
✓ MATERIALS 9 - Accountability, Control		6/60	
✓ MATERIALS 11-3 Chemical Processing, Scrap Recovery		11/59 - 4/60	
✓ MATERIALS 13 -		5/59 - 10/60	
✓ MATERIALS 13-12 Helium		8/60 - 10/60	
✓ MATERIALS 13-17 ✓ Special Materials - Other		3/58 - 12/60 ✓	
✓ MATERIALS 18 Fabrication		8/60	
MATERIALS 19 Allocation & Distribution		7/59 - 6/60	
MEDICINE, HEALTH & SAFETY - 3 Radiation (General)		11/58 - 11/60	
✓ MEDICINE, HEALTH & SAFETY 3-2 Reactor Hazards Evaluation		2/54 - 11/60	
✓ MEDICINE, HEALTH & SAFETY 6 Reactor Safeguards, Safety Guide		8/58	
✓ MEDICINE, HEALTH & SAFETY 7 Experiments & Tests		7/59 - 6/60	
✓ MEDICINE, HEALTH & SAFETY 10-2 Physical Examinations		1/60 - 2/60	
✓ MEDICINE, HEALTH & SAFETY 8 - Reports & Data		9/59 - 5/60	
✓ ORGANIZATION & MANAGEMENT 3 - Personnel Functions		7/59 - 12/60	
<del>✓ ORGANIZATION &amp; MANAGEMENT 3 - Functions &amp; Delegations</del>		<del>9/60 - 10/60 ✓</del>	<i>Destroyed</i>
<del>✓ ORGANIZATION &amp; MANAGEMENT 4 - Charts</del>		<del>1/60 - 10/60 ✓</del>	
✓ ORGANIZATION & MANAGEMENT 3-2 Delegations of Authority		1/59 - 12/60	<i>Box 6</i>
<del>✓ ORGANIZATION &amp; MANAGEMENT 5-1 Manual Chapters</del>		<del>10/60 - 12/60 ✓</del>	<i>Box 7</i>
<del>✓ ORGANIZATION &amp; MANAGEMENT 5-1 ✓ AEC Manual Issuances</del>		<del>3/60 - 10/60 ✓</del>	
<del>✓ ORGANIZATION &amp; MANAGEMENT 5-1 ✓ AEC Manual Issuances</del>		<del>7/59 - 12/59 ✓</del>	
✓ ORGANIZATION & MANAGEMENT 5-2 ✓ Staff Papers		10/57 - 1/60 ✓	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<del>✓</del> ORGANIZATION & MANAGEMENT	<del>6 Meetings</del>	<del>10/60 - 11/60</del>	<del>D</del>
<del>✓</del> ORGANIZATION & MANAGEMENT	<del>6 Meetings</del>	<del>3/59 - 9/60</del>	<del>D</del>
✓ ORGANIZATION & MANAGEMENT	6-1 Staff Meetings-Task Force Committee	3/59 - 5/59	
* ORGANIZATION & MANAGEMENT	8 Chicago Operations - Weekly Reports	1/59 - 12/60	
✓ ORGANIZATION & MANAGEMENT	8 Reactor Div. Monthly Rpts.	7/59 - 12/60	
✓ ORGANIZATION & MANAGEMENT	8 Task Force Status Reports	4/59 - 6/59	
✓ ORGANIZATION & MANAGEMENT	8 Reports (Miscellaneous)	10/59 - 3/60	
* ORGANIZATION & MANAGEMENT	9 Management Planning, Improvement	6/60 - 8/60	
<del>✓</del> ORGANIZATION & MANAGEMENT	<del>9-1 Work Measurement</del>	<del>10/60</del>	<del>D</del>
✓ ORGANIZATION & MANAGEMENT	11 Program Planning & Control	12/60	
✓ ORGANIZATION & MANAGEMENT	12 Reactor Div./R&D Div.	6/59 - 12/60	
✓ ORGANIZATION & MANAGEMENT	12-5 International	7/60	
✓ ORGANIZATION & MANAGEMENT	13-1 Forms Control	8/59 - 9/60	
✓ ORGANIZATION & MANAGEMENT	13-2 Reports Control	10/60	
<del>✓</del> ORGANIZATION & MANAGEMENT	<del>15 Visits</del>	<del>9/58 - 12/60</del>	<del>D</del>
✓ ORGANIZATION & MANAGEMENT	15-1 Reports of Visits	6/60 - 10/60	
✓ ORGANIZATION & MANAGEMENT	17 Surveys, Appraisals	6/60 - 9/60	
<del>✓</del> PERSONNEL	<del>2 Employment</del>	<del>4/59 - 12/60</del>	<del>✓</del>
<del>✓</del> PERSONNEL	<del>2-1 Recruitment</del>	<del>4/60 - 10/60</del>	<del>✓</del>
<del>PERSONNEL</del>	<del>3 Assignment</del>	<del>10/59 - 12/60</del>	<del>✓</del>
✓ PERSONNEL	4 Positions	5/59 - 11/60	✓
✓ PERSONNEL	6 Time & Attendance	11/59	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ PERSONNEL 6-1 Leave		6/59 - 3/60	
✓ PERSONNEL 6-2 Overtime & Sick Leave		2/60 - 10/60	
✓ PERSONNEL 6-4 Hours of Work		10/60	
✓ PERSONNEL 8 Reports		6/60	
✓ PERSONNEL 11 Davis-Bacon Act		11/59	
✓ PERSONNEL 12 Contributions, Solicitation of Funds		9/60 - 10/60	
✓ PERSONNEL 13-1 Awards		3/60 - 12/60	
✓ PERSONNEL 16 Termination		7/59 - 7/60 ✓	
PERSONNEL 17 Military Service		3/60 - 7/60	
✓ PERSONNEL 17 Survey, Appraisal, Evaluation		9/60 - 12/60	
✓ PERSONNEL 21 Education & Training		8/59 - 12/60 ✓	
✓ PERSONNEL 22 Military Leave		8/58 - 6/59 ✓	
✓ PLANTS, LABS, BLDGS & LAND 2 Site Selection		3/53	
✓ PLANTS, LABS, BUILDINGS & LAND 4 Directives, Proposals, Requests & Authorizations		7/59 - 12/60	
✓ PLANTS, LABS, BUILDINGS & LAND 4-1 Preliminary Proposals		7/59 - 12/60	
✓ PLANTS, LABS, BUILDINGS & LAND 4-1 Design and Construction (Proposals)		9/59 - 11/59 ✓	
✓ PLANTS, LABS, BUILDINGS & LAND 4-1 ORNL Containment Program		2/60 - 7/60	
✓ PLANTS, LABS, BUILDINGS & LAND 4-1 Drawings (X-10 Graphite File)		5/43 - 7/49	
<del>PLANTS, LABS, BUILDINGS &amp; LAND 5-1 Office Space</del>		<del>1/60 - 8/60</del> ✓ D	
<del>PLANTS, LABS, BUILDINGS &amp; LAND 7 Operations</del>		<del>3/60</del> ✓ D	

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ PLANTS, LABS, BUILDINGS & LAND 8 - Reactor Construction Progress Rpt.	1/60 - 10/60		
✓ PLANTS, LABS, BUILDINGS & LAND 8 - Reactor Construction Progress Rpt.	7/59 - 12/59		
✓ PLANTS, LABS, BUILDINGS & LAND 12-3 Power	10/60		
✓ PLANTS, LABS, BUILDINGS & LAND 17 Waterways	5/58 - 12/60		
✓ PLANTS, LABS, BUILDINGS & LAND 42 Roads, Bridges	8/59		
✓ PLANTS, LABS, BUILDINGS & LAND 48 Oak Ridge Nat. Lab.	6/59 - 5/60	<del>Box 7</del>	
✓ PLANTS, LABS, BUILDINGS & LAND 48 Brookhaven Nat. Lab.	1/60 - 2/60	Box 7	
✓ PLANTS, LABS, BUILDINGS & LAND 50 EGCR	4/59 - 12/59		
✓ PLANTS, LABS, BUILDINGS & LAND 50 Elk River Info	10/57 - 3/60	Box 8	
✓ PLANTS, LABS, BUILDINGS & LAND 50 Piqua Info	7/59		
✓ PLANTS, LABS, BUILDINGS & LAND Puerto Rico Nuclear Center	7/59 - 10/59		
✓ REACTOR DEVELOPMENT 2 Core <del>_____</del>	4/60	<del>Box 10</del>	
✓ REACTOR DEVELOPMENT 3 Fuel (Gen.)	7/59 - 9/60		
✓ REACTOR DEVELOPMENT 3 Fuel (Gen.) 1959 & Previous	8/55 - 10/59		
✓ REACTOR DEVELOPMENT 3 Fuel Cycle Development Program-ORNL	10/58 - 9/59		
✓ REACTOR DEVELOPMENT 3 Fuel Cycle - Irradiation Req.	11/58 - 12/60		
✓ REACTOR DEVELOPMENT 3 Fuel Cycle - 1958 & 1959	10/58 - 11/59		
✓ REACTOR DEVELOPMENT 3 Fuel Cycle Development Program-	2/60 - 8/60		
✓ REACTOR DEVELOPMENT 3 ECNG-FWCNG Progress Review Rpts.	10/59 - 4/60	Box 9	
✓ REACTOR DEVELOPMENT 3 GNEC-ORNL Beryllium	1/58 - 12/60		



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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ REACTOR DEVELOPMENT 3 GNEC-ORNL Beryllium Reports	10/59 - 9/60		
✓ REACTOR DEVELOPMENT 3 Team Rpt. (British & French Meetings)	6/60 - 8/60	<i>Box 9</i>	
✓ REACTOR DEVELOPMENT 3 Thorium	7/58 - 3/60		
✓ REACTOR DEVELOPMENT 3 Rover Project	9/59 - 10/59	<i>Box 10</i>	
✓ REACTOR DEVELOPMENT 3-1 Fuel Elements	10/59 - 3/60		
* ✓ REACTOR DEVELOPMENT 3-2 Fuel Studies	1/58 - 12/60		
✓ REACTOR DEVELOPMENT 3-2 Fission Product Release Studies	12/58 - 11/60		
✓ REACTOR DEVELOPMENT 3-2 Fission Product Release Studies	5/58 - 12/59		
✓ REACTOR DEVELOPMENT 3-4 Processing	11/59 - 10/60		
✓ REACTOR DEVELOPMENT 5 Coolant	8/59 - 9/59		
✓ REACTOR DEVELOPMENT 5 Babcox & Wilcox	9/59 - 8/60	<i>Handwritten mark</i>	
✓ REACTOR DEVELOPMENT 6 Shielding (Boral)	5/54 - 10/55		
* ✓ REACTOR DEVELOPMENT 6 Shielding	4/56 - 11/60		
✓ REACTOR DEVELOPMENT 7 Reactor Components	8/60 - 12/60		
✓ REACTOR DEVELOPMENT 7-1 Nuclear-Control Systems	1/58 - 8/60		
✓ REACTOR DEVELOPMENT 7-2 Non-Nuclear Components	7/57 - 11/60		
✓ REACTOR DEVELOPMENT 8 Allis-Chalmers	4/60 - 6/60		
✓ REACTOR DEVELOPMENT 8 Combustion Engineering (Rpts.)	3/60 - 12/60		
✓ REACTOR DEVELOPMENT 8 AECL	6/59 - 12/60		
✓ REACTOR DEVELOPMENT 8 Reactor Table	11/59 - 11/60		
✓ REACTOR DEVELOPMENT 8 Safety Experience - Reactors	9/60 - 11/60		

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
*✓	REACTOR DEVELOPMENT 8 Hanford Graphite Monthly Rpts.	7/59 - 12/60	
✓	REACTOR DEVELOPMENT 8 Foreign Reactor Weekly Dev. Activities Rpts.	9/60 - 12/60	
✓	REACTOR DEVELOPMENT 8 SSNPP Task Force Reports	7/59 - 3/60	
✓	REACTOR DEVELOPMENT 8 Inventory of Models	8/59 - 9/59	
✓	REACTOR DEVELOPMENT 8 Status of Reactors, Developments, Reactor Technology	6/56 - 6/58	
*✓	REACTOR DEVELOPMENT 8 Reports	6/59 - 12/60	
✓	REACTOR DEVELOPMENT 10-1 (Shippingport)	6/58	
✓	REACTOR DEVELOPMENT 10-1 Pressurized Water-Process Heat- COO	7/60 - 8/60	
✓	REACTOR DEVELOPMENT 10-1 BONUS (July thru Dec. 1960)	6/60 - 12/60	
✓	REACTOR DEVELOPMENT 10-1 BONUS (Jan. thru June 1960)	1/60 - 6/60	
✓	REACTOR DEVELOPMENT 10-1 BONUS (Rpts. Correspondence) 1960	1/60 - 7/60	
✓	REACTOR DEVELOPMENT 10-1 BONUS 1958 & 1959-	9/57 - 3/60	
✓	REACTOR DEVELOPMENT 10-1 BONUS II Reports (R&D)	9/60 - 12/60	
✓	REACTOR DEVELOPMENT 10-1 BONUS (Status Rpts.) 1960	12/60	
✓	REACTOR DEVELOPMENT 10-1 BONUS (Monthly Technical Rpt.) 1960	8/60	
✓	REACTOR DEVELOPMENT 10-1 SPWR (Sept. - Dec. 1960)	9/60 - 12/60	
✓	REACTOR DEVELOPMENT 10-1 SPWR (Aug. 60)	8/60	
✓	REACTOR DEVELOPMENT 10-1 SPWR (July 1960)	7/60	
✓	REACTOR DEVELOPMENT 10-1 SPWR (June 1960)	6/60	
✓	REACTOR DEVELOPMENT 10-1 SPWR (May 1960)	5/60	
✓	REACTOR DEVELOPMENT 10-1 SPWR (April 1960)	4/60	

*Box 11*

*None*

*None*  
*Box 12*

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ REACTOR DEVELOPMENT 10-1 SPWR (Mar. 1960)		3/60	
✓ REACTOR DEVELOPMENT 10-1 SPWR (Feb. 1960)		2/60	
✓ REACTOR DEVELOPMENT 10-1 SPWR (Jan. 1960)		1/60	
✓ REACTOR DEVELOPMENT 10-1 SPWR (Dec. 1959)		12/59	
✓ REACTOR DEVELOPMENT 10-1 SPWR (Nov. 1959)		11/59	
✓ REACTOR DEVELOPMENT 10-1 SPWR (Oct. 1959)		10/59	Box 12
✓ REACTOR DEVELOPMENT 10-1 SPWR (Sept. 1959)		9/59	Box 13
✓ REACTOR DEVELOPMENT 10-1 SPWR (Aug. 1959)		8/59	
✓ REACTOR DEVELOPMENT 10-1 SPWR (Jan. - July 1959)		9/58 - 7/59	
REACTOR DEVELOPMENT 10-1 SPWR (Rpts.)			
✓ SPWR-Feasibility of Whole Plant Containment (G&H)		10/60	
✓ Analysis of a Power Failure Incident for the Preliminary Conceptual Design for SPWR (G&H)		12/59	
✓ SPWR Reactor Complex (Tech. Spec. 1300-MS-1) (G&H)		11/59	
✓ Jamestown, New York Site Report		2/60	
✓ Jamestown, New York Site Report, Supplement 2		5/60	
✓ Jamestown, New York Site Report, Supplement 3		10/60	
✓ Dairyland Power Cooperative Site Report		7/60	
✓ Proposal to AEC for SSNPP-City of Jamestown, N.Y.		12/59	
✓ Proposal for SS Pressurized Water Nuclear Power Plant, City of Miamisburg, Ohio		12/59	
✓ Proposal to AEC for SSNPP - City of Fort Pierce, Fla.		12/59	
✓ Proposal to AEC for SSPWR- Alco Products, Inc.		1/60	
✓ SSNPP Preliminary Conceptual Design (AEC)		9/59	
✓ SSPWR Conceptual Design (AEC)		1/60	
✓ SSPWR Conceptual Design (AEC)		2/60	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<p>TASK FORCE EVALUATION OF SSNPP consisting of:</p> <ul style="list-style-type: none"> <li>✓ Task Force Evaluation of SSNPP</li> <li>✓ GNEC-95, A Brief Study of Boiling Water Reactors in the 5 to 40 eMW Range</li> <li>✓ GNEC-95, Addendum 1</li> <li>✓ NAA-SR-3792, Small-Sized Organic Moderated Reactors</li> <li>✓ NAA-SR-3832, Organic Moderated Power Plant, 20,000 kw</li> <li>✓ Survey of PWR Power Plants, 10-30 eMW Size (Alco Prod.)</li> <li>✓ WCAP-825 (Rev.) Summary <del>for</del> of Design Data for BR-3, (Westinghouse)</li> <li>✓ ALCO Technical Description, 12,500 eKW Nuclear Power Plant</li> <li>✓ Survey of PWR Power Plants 10-30 eMW Size, Supplement SL-1651, Data for Small Power Reactor Plant Study</li> <li>✓ JROO Statistical Survey Generating Cooperatives and Municipalities</li> <li>✓ APAE Memo No. 164, Use of Boron Steel Pins in Alco Commercial Reactor</li> <li>✓ APAE Memo No. 154, Effect of Rearrangement of Fuel Elements on Reactor Reactivity and Life in the Alco Commercial Reactor</li> <li>✓ APAE Memo No. 140, The Preliminary Shield Design for the 50 MW Commercial Reactor</li> <li>✓ Alco Design Analysis, 50 Megawatt Reactor System for a Nuclear Power Plant</li> <li>✓ Proposal for Services, Project A, Pressurized Water Nuclear Power Plant, Gibbs &amp; Hill</li> <li>✓ Preliminary Operating Instructions for the Experimental Boiling Water Reactor (EBWR)</li> <li>✓ Proposal for Design Engineering and Construction Supervision for SSNPP, Project B, United Engineers &amp; Constructors, E-Prime Contractor with CE</li> <li>✓ REACTOR DEVELOPMENT 10-1 Small, Boiling Water Reactors</li> </ul>		<p style="text-align: right; font-size: 1.5em; margin-bottom: 0;"><i>Box 14</i></p> <ul style="list-style-type: none"> <li>6/59</li> <li>4/59</li> <li>5/59</li> <li>4/59</li> <li>5/59</li> <li>4/59</li> <li>9/57</li> <li>II 5/59</li> <li>5/59</li> <li>6/59</li> <li>1/59</li> <li>10/58</li> <li>12/58</li> <li>9/57</li> <li>8/59</li> <li>11/56</li> <li>8/59</li> <li>10/56 - 1/60</li> </ul>	

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.		
✓ Contracts AT(11-1)-652 City of Piqua, Ohio		3/59 - 10/59		
✓ CONTRACTS AT(11-1)-651 Rural Cooperative Power Association		n/d		
✓ REACTOR DEVELOPMENT 10-2 Heavy Water		12/60		
✓ REACTOR DEVELOPMENT 10-2 Wolverine-Foster-Wheeler		7/57		
✓ REACTOR DEVELOPMENT 10-3 HRS		<del>1/59</del> 3/59 - 12/60	<i>[Handwritten signature]</i>	
* REACTOR DEVELOPMENT 10-3 HRT (59 & Previous)		2/55 - 12/59		
✓ REACTOR DEVELOPMENT 10-3 Thermal Breeder		7/59 - 12/59		
✓ REACTOR DEVELOPMENT 10-3 Thermal Breeder		1/60 - 12/60		
✓ REACTOR DEVELOPMENT 10-3 Fast Breeder		7/59 - 12/60		
* REACTOR DEVELOPMENT 10-3 Sodium Cooled (SRE)		6/59 - 6/60		<i>[Handwritten signature]</i> Bot 16
✓ REACTOR DEVELOPMENT 10-4 Organic Cooled		11/60 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 Turret		7/60		
* REACTOR DEVELOPMENT 10-5 Gas Cooled Program		5/58 - 2/59		
* REACTOR DEVELOPMENT 10-5 Gas Cooled		7/58 - 8/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR General Correspondence		11/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR Budget		1/60 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR Budget		2/59 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR Communications & Records		4/59 - 6/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR Contracts		1/60 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR Contracts		8/57 - 10/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR Subcontracts		2/60 - 8/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR Subcontracts		5/59 - 12/59		

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ REACTOR DEVELOPMENT 10-5 EGCR Equipment & Supplies	8/60 - 11/60	Indefinite	
✓ REACTOR DEVELOPMENT 10-5 EGCR Information & Publications	1/60 - 12/60	" <i>Box 16</i>	
* ✓ REACTOR DEVELOPMENT 10-5 EGCR Information & Publications	5/59 - 11/59	" <i>Box 17</i>	
✓ REACTOR DEVELOPMENT 10-5 EGCR Legal	9/60	"	
✓ REACTOR DEVELOPMENT 10-5 EGCR Materials	10/60	"	
✓ REACTOR DEVELOPMENT 10-5 EGCR Medicine, Health & Safety	5/60 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR Med., Health & Safety	12/57 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR Organization & Management	8/59 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR O & M (Franklin Institute Symposium)	9/59 - 7/60	<i>[Handwritten Signature]</i>	
✓ REACTOR DEVELOPMENT 10-5 EGCR O&M	12/57 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR Personnel	9/60 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR Personnel	9/59		
* ✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-2 Criteria (Site Selection)	9/58 - 6/59	<i>Box 18</i>	
* ✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-4 Design & Const.	1/60 - 12/60	<i>[Handwritten Signature]</i>	
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-4	1/59 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-5 Space	1/60 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-5 Space	12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-7 Operations	10/59 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-7	11/57 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-7 Operations (TVA Reports)	6/60 - 12/60		

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-7 (Operating Manual)	1/60 - 12/60	Indefinite	
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-8 Rpts. Corresp.	8/60 - 10/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-8 Reports	5/59 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-8 ORNL Reports	5/59 - 12/60	Box 18	
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-8 Kaiser Rpts.	2/60 - 11/60	Box 19	
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-8 Allis Chalmers Rpts.	<del>5/60</del> 6/59 - 12/60	<del>Indefinite</del>	
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-8 HK Ferguson Rpts.	8/60 - 11/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR PLBL-12 Power	1/59 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-1	3/60		
* REACTOR DEVELOPMENT 10-5 EGCR RD-2 Graphite	10/59 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-2 Core	1/60 - 11/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-2 Core	6/59 - 10/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-2 Graphite	11/57 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-3 Fuel	2/60 - 12/60	<del>Indefinite</del>	
* REACTOR DEVELOPMENT 10-5 EGCR RD-3 Fuel	9/58 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-4 Moderators & Reflectors	12/59 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-5 Cooling	1/59 - 10/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-5 Cooling	6/58 - 12/59	Box 20	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-6 Shielding	11/59 - 1/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-7 Reactor Components	11/59 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-7-1 Control Systems	1/60 - 12/60		

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-7-2		1/60 - 12/60	Indefinite
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 7-2		10/59 - 12/59	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 7-2 Loops		10/59 - 11/60	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 7-2 Loops		9/58 - 12/59	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 7-2 Blower Seals		1/60 - 12/60	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 7-2 Blower Seals		10/59 - 12/59	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 7-2 Dry Bearings		6/60 - 11/60	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 8 Rpts. & Data		1/60 - 12/60	Box 70  Box 21
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 8		3/59 - 12/59	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 8 Linde Report-Purification		7/60 - 8/60	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD 8 A#C Studies		8/59 - 12/59	
AC Studies as listed below: (Title I)			
✓ Study No. 100, Fuel Assembly for the EGCR		8/59	
✓ Study No. 101, Fission Gas Release in the Fuel Element for the EGCR		8/59	
✓ Study No. 105, Evaluation of a 19-Element Fuel Assembly for the EGCR		8/59	
✓ Study No. 115, Thermal Performance, EGCR		7/59	
✓ Study No. 116, Physics Evaluation of the Steel Grid Concept for the EGCR Core		7/59	
✓ Study No. 120, Two Dimensional Conduction in Fuel Element		8/59	
✓ Study No. 125, Reactivity and Enrichment, EGCR		7/59	
✓ Job Report No. 125-1, Selection of Fuel Enrichment for Second Series of EGCR Physics Experiment		5/59	
✓ Study No. 130A, Power Distribution Analysis, EGCR		7/59	
✓ Study No. 130B, Power Distribution-Fuel Assembly, EGCR		7/59	
✓ Study No. 135, Control Rod Worth, EGCR		6/59	
✓ Study No. 140, Temperature Coefficients of EGCR		7/59	
✓ Study No. 145, Thermal Analysis, Steel Latticed Core, EGCR		7/59	
✓ Study No. 200, Safety Systems Analysis, EGCR		7/59	
✓ Task No. 200-1, Start-Up Accident-Safety Systems Analysis-		7/59	



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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
AC Studies (Title I) Continued--			Indefinite
✓ Task No. 200-2, Loss of Blower Accident, Safety Systems Analysis, EGCR		7/59	
✓ Study No. 200-3, Rod Runaway, Safety Systems Analysis, EGCR		7/59	
✓ Study No. 200-4, Controlled Load Changes, Safety System Analysis, EGCR		7/59	
✓ Study No. 205, Neutron Flux Plotter, EGCR		7/59	
✓ Study No. 210, Burst Slug Detection System for EGCR		8/59	
✓ Study No. 225, Differential Pressure Across the Core Following a Reactor Coolant System Rupture, EGCR		8/59	
✓ Study No. 230, Minimum Core Coolant Flow Requirements, EGCR		8/59	
✓ Study No. 300, Analysis of Control Rod Drive Mechanism for EGCR		8/59	
✓ Study No. 301, Preliminary Design and Material Selection of the Control Rod Cables for EGCR		8/59	
✓ Study No. 305, Viewing Systems for the EGCR		8/59	
✓ Study No. 310, Thermocouple Fuel Assembly Plug for EGCR		8/59	
✓ Study No. 315, Analysis of Flux Scanning System (Mechanical Design) for the EGCR		8/59	
✓ Study No. 320, Service Machine Fuel Removal Chute, EGCR		7/59	
✓ Study No. 325, Service Machine Reactor Vessel Top Nozzle Closure, EGCR		9/59	
✓ Study No. 330, Preliminary Specifications, Service Machine Console for EGCR		7/59	
✓ Study No. 335, Analysis of Service Machine Clearances for EGCR		7/59	
✓ Study No. 400, Dummy Fuel Assemblies, Preliminary Design Specification for EGCR		8/59	
✓ Study No. 405, Reference Design, Reactor Core, EGCR		8/59	
✓ Study No. 415, Core Joint Gas Seals, EGCR		8/59	
✓ Study No. 420, Test Program, Core Graphite R&D, EGCR		8/59	
✓ Study No. 430, Evaluation and Review of Alternate Core Concepts for the EGCR		8/59	
✓ Study No. 435, Stress Analysis of Core Column Concept for EGCR		8/59	
✓ Study No. 435-1, Evaluation of Probable Earthquake Forces, EGCR		8/59	
✓ Study No. 440, Mechanical Evaluation of the Steel Lattice Core Concept, EGCR		8/59	
✓ Study No. 600, Reactor Safety System Design Requirements, EGCR		9/59	
✓ Study No. 660, Design Requirements, Nuclear and Reactor Safety and Control Instrumentation, EGCR		11/59	
✓ Study No. 700, Nuclear Instrumentation System, Design Requirements, EGCR		9/59	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ REACTOR DEVELOPMENT 10-5 EGCR AC Studies ✓ EGCR Preliminary Studies prepared by Kaiser Engineers and Nuclear Products-ERCO under Contract No. AT(10-1)925 Studies PEGCPR-3-410, PEGCPR-10A, PEGCPR-40A thru PEGCPR-99D (not done)	Box 21 2/59	Indefinite 217-6 Box	
✓ PEGCPR Job Rpts. No. 3-130-2.0 through 3-380-7.0, prepared by Nuclear Products - ERCO, Div. of ACF Industries, under Contract No. AR(10-1)925 (not done)	Box 22 + 23 2/59	217-23	
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-9 Container	1/60 - 11/60		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-9 Container	4/59 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR RD-21 Education & Training	1/60 - 10/60	Box 24	
✓ REACTOR DEVELOPMENT 10-5 EGCR Research & Development	9/59 - 11/60		
* REACTOR DEVELOPMENT 10-5 EGCR Research & Development	1/59 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 EGCR Transportation	10/60 - 11/60		
✓ REACTOR DEVELOPMENT 10-5 Advanced Gas-Cooled Reactors	8/59 - 12/60		
* REACTOR DEVELOPMENT 10-5 Gas Cooled RD-5 Coolant	4/58 - 3/59		
✓ REACTOR DEVELOPMENT 10-5 Gas Cooled R&D (2 jackets)	3/58 - 10/58		
✓ KAISER WORK on Gas Cooled under Contract AT(10-1)-925 (Correspondence & Reports)	12/57 - 4/59	Box 25	
✓ ORNL ASSISTANCE ON PREL. WORK OF GAS COOLED PROJECT (1 Jacket Correspondence & Rpts.)	11/57 - 3/59		
<del>REACTOR DEVELOPMENT 10-5 HTGR</del>	<del>8/60 - 12/60</del>		
<del>REACTOR DEVELOPMENT 10-5 HTGR</del>	<del>1/60 - 7/60</del>		
<del>REACTOR DEVELOPMENT 10-5 HTGR</del>	<del>6/59 - 12/59</del>		

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
REACTOR DEVELOPMENT 10-5 Gas Cooled Study Reports (1 set as listed below)		Q	Indefinite
✓ ORNL CF 59-10-37, ORNL Prog. & Budget Proposals for FY 61 Gas Cooled and Thermal Breeder Reactor Programs		10/59	By 25 (Continued)
✓ ORNL-2505, Revised, The ORNL Gas-Cooled Reactor Materials and Hazards		5/58	
✓ ORNL-2500, Part 2, The ORNL Gas-Cooled Reactor		1958	
✓ ORNL-2500, Part I, The ORNL Gas-Cooled Reactor		4/58	
✓ ORNL-2699, Gas Cooled Reactor Coolant Choice		5/59	
✓ IDO-24026, Gas Cooled Power Reactors Comparison of Optimum Natural Uranium Power Plant and Optimum Enriched Uranium Nuclear Power Plant		8/58	
✓ IDO-2024, Rev. 1, Gas Cooled Power Reactor Feasibility Study Optimum Partially Enriched Uranium Nuclear Power Plant		4/58	
IDO-2023, Rev. 1, Gas Cooled Power Reactor Feasibility Study 44,000 KW Prototype Partially Enriched Uranium Nuclear Power Plant		4/58	
✓ IDO-2022, Rev. 1, Gas Cooled Power Reactor Feasibility Study Optimum Natural Uranium Nuclear Power Plant		4/58	
✓ IDO-2021, Rev. 1, Appendix to Gas Cooled Power Reactor Preliminary Design 55,000 KW Prototype Natural Uranium Nuclear Power Plant		4/58	
✓ IDO-24028, Gas Cooled Power Reactor Site Feasibility, Oak Ridge, 30,000 KW Prototype Partially Enriched Uranium Nuclear Power Plant		3/59	
✓ IDO-24027, Appendix to Gas Cooled Power Reactor Preliminary Design 30,000 KW Prototype Partially Enriched Uranium Nuclear Power Plant		3/59	
✓ IDO-24027, Gas Cooled Power Reactor Preliminary Design 30,000 KW Prototype Partially Enriched Uranium Nuclear Power Plant		3/59	
✓ KE Report, Gas Cooled Power Reactor Feasibility Study, Optimum Partially Enriched Uranium Nuclear Power Plant		3/58	
✓ KE Report, Preliminary Proposal Experimental Gas Cooled Reactor		8/59	
✓ KE Report, Appendix C, Preliminary Proposal Drawings, Experimental Gas Cooled Reactor		8/59	
AW-54727, <del>AW-54727</del> A Parametric Study of the Gas Cooled Reactor Concept and Addendum		3/58	
( AW-56009, A Re-Optimization of Several Process Parameters for the Gas Cooled Reactor Concept		6/58	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
REACTOR DEVELOPMENT 10-5 Gas Cooled Study Reports (Continued) ✓ ORO-196 with Supplement, Experimental Gas-Cooled Reactor Preliminary Hazards Summary Report	5/59	Indefinite	
✓ REACTOR DEVELOPMENT 10-5 HTGR	8/60 - 12/60		
✓ REACTOR DEVELOPMENT 10-5 HTGR	1/60 - 7/60		
✓ REACTOR DEVELOPMENT 10-5 HTGR	6/59 - 12/59		
✓ REACTOR DEVELOPMENT 10-5 HTGR	11/58 - 5/59		
REACTOR DEVELOPMENT 10-5 HTGR (Rpts. Correspondence)	2/60 - 12/60		
REACTOR DEVELOPMENT 10-5 HTGR (Reports)	10/57 - 12/60		
REACTOR DEVELOPMENT 10-5 HTGR (Peachbottom Prog. Rpts.)	10/59 - 3/60		
✓ REACTOR DEVELOPMENT 10-5 HTGR PLBL (Peachbottom Const)	9/60 - 10/60		
✓ REACTOR DEVELOPMENT 10-6 Molten Salt	1/60 - 12/60		
* ✓ REACTOR DEVELOPMENT 10-6 Molten Salt	1/59 - 12/59		
✓ REACTOR DEVELOPMENT 21 Training	1/60 - 11/60		
✓ REACTOR DEVELOPMENT 21 Training	5/58 - 11/59		
✓ REACTOR DEVELOPMENT 22 Civilian Power Reactors	12/59 - 8/60	Box # 27	
✓ REACTOR DEVELOPMENT 22 (10 yr. Study)	10/60 - 12/60		
* ✓ REACTOR DEVELOPMENT 22 (10 yr. Study)	8/60 - 9/60		
✓ REACTOR DEVELOPMENT 22 (10 yr. Study)	1/60		
✓ REACTOR DEVELOPMENT 22 (10 yr. Study)	6/59 - 6/60	Box # 28	
* ✓ REACTOR DEVELOPMENT 22 (10 yr. Study)	7/59 - 12/59		
✓ REACTOR DEVELOPMENT 22 (10 yr. Study)	8/59 - 6/59		

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ REACTOR DEVELOPMENT 22	Foreign Reactors and Conventional Power Reactors	12/58 - 3/60	Indefinite
* ✓ REACTOR DEVELOPMENT 24	Army Reactors	4/56 - 12/60	
✓ REACTOR DEVELOPMENT 24	Remote Military Power-KE Study	7/59 - 7/60	
✓ REACTOR DEVELOPMENT 25	Advanced Concepts Program	11/59	
✓ REACTOR DEVELOPMENT 25	Chemical Processing & Conversion	7/59 - 10/60	
✓ REACTOR DEVELOPMENT 25	Tennessee Valley Authority	1/57 - 1/60	
✓ REACTOR DEVELOPMENT 25	US-Euratom Program	9/59 - 10/59	
✓ REACTOR DEVELOPMENT 25	SROO-GNEC Assistance on SS	4/59 - 12/59	
✓ REACTOR DEVELOPMENT 25	COO-CPAO-Atomics International (Assistance on Small Size)	4/59 - 10/59	
✓ REACTOR DEVELOPMENT 25	NYOO-Alco Products	4/59 - 10/59	
✓ REACTOR DEVELOPMENT 25	ORNL Advisory Group	4/59 - 6/59	
✓ REACTOR DEVELOPMENT 25	Sargent & Lundy	3/59 - 5/59	
✓ REACTOR DEVELOPMENT 25	Federal Power Commission	3/59	Box 29
✓ REACTOR DEVELOPMENT 25	REA-US Dept. of Agriculture	4/59 - 8/59	
✓ REACTOR DEVELOPMENT 25	Criteria for Selection of Reactor	4/59	
✓ REACTOR DEVELOPMENT 25	Miscellaneous Assistance	4/59	
✓ REACTOR DEVELOPMENT 26	Maritime Reactors	6/59 - 12/60	
* ✓ REACTOR DEVELOPMENT 27	LAROO Monthly Reports	2/60 - 12/60	
* ✓ REACTOR DEVELOPMENT 27	Rocket Propulsion	2/55 - 11/60	
* ✓ REACTOR DEVELOPMENT 27	Rocket Propulsion (Rpts.) (Listed on Classified Listing Sheet)	8/50 - 10/60	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
* ✓ REACTOR DEVELOPMENT 28 Ramjet Propulsion (Pluto)		9/60 - 10/60	Indefinite
✓ REACTOR DEVELOPMENT 30-1 Low-Temperature Process Heat		9/59 - 6/60	
✓ REACTOR DEVELOPMENT 31 GE Test Reactor		10/57 - 5/59	
* ✓ REACTOR DEVELOPMENT 32 ORR		11/54 - 5/59	
✓ REACTOR DEVELOPMENT 32 ORR		1/60 - 12/60	
✓ REACTOR DEVELOPMENT 32 Fast Burst Reactor		6/60 - 12/60	
✓ REACTOR DEVELOPMENT 32 (HFIR)		1/60 - 12/60	
✓ REACTOR DEVELOPMENT 32 Graphite Reactor		7/59 - 7/60	
✓ REACTOR DEVELOPMENT 32 Ga. Tech. Research Reactor		1/57 - 9/57	
* ✓ REACTOR DEVELOPMENT 36 Reactors - General (Australia)		3/57 - 10/60	
✓ RESEARCH & DEVELOPMENT 1-1 Westinghouse		11/60 - 12/60	
* ✓ RESEARCH & DEVELOPMENT 1-1 Proposals		9/59 - 12/60	
✓ RESEARCH & DEVELOPMENT 1-1 Proposals		6/57 - 8/59	
* ✓ RESEARCH & DEVELOPMENT 1-1 Pebble Bed		6/58 - 12/60	
✓ RESEARCH & DEVELOPMENT 1-1 BORE		7/60 - 11/60	
✓ RESEARCH & DEVELOPMENT 4 Metallurgy		8/60 - 9/60	
✓ RESEARCH & DEVELOPMENT 5 Physics		9/59	
✓ RESEARCH & DEVELOPMENT 6 Particle Accelerators		12/60	
✓ RESEARCH & DEVELOPMENT 8 Research Council Minutes		9/59 - 9/60	
✓ RESEARCH & DEVELOPMENT 12 Processes & Process Development		9/60	
✓ RESEARCH & DEVELOPMENT 19 Digital Computers		9/60 - 10/60	

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ RESEARCH & DEVELOPMENT 21-4 Fellowship Program		9/60	Indefinite
* ✓ SECURITY - Miscellaneous		10/59 - 11/59 ✓	
✓ SECURITY 1 - Regulations & Procedures		4/59	
* ✓ SECURITY 1-3 ✓ General Policy, Regualtions, Procedures ✓		9/59 - 6/60 ✓	
* ✓ SECURITY 2-1 ✓ Classification ✓		9/59 - 9/60 ✓	
✓ SECURITY 2-2 Filing & Storage		6/60 - 10/60	
✓ SECURITY 2-3 Records & Information- Inventory & Accountability		12/59 - 1/60	
✓ SECURITY 2-5 Classification Guides & Monthly Bulletins		8/59 - 10/60	
* ✓ SECURITY 2-10 Use-Release Of-Access To		8/59 - 1/60	
✓ SECURITY 2-10 Access Permit Holders		8/58 - 2/60	
* ✓ SECURITY 3 ✓ Classification		11/59 - 12/60 ✓	
✓ SECURITY 3-8 ✓ Classification - Reports & Data		10/60 ✓	
✓ SECURITY 4-1 ✓ Clearances		7/59 - 12/60 ✓	
✓ SECURITY 4-3 ✓ Identification (Badges)		2/60 - 12/60 ✓	
✓ SECURITY 4-5 ✓ Visits to Foreign Countries		12/59 - 12/60 ✓	
✓ SECURITY 4-5 ✓ Visits to Foreign Countries		6/57 ✓	
✓ SECURITY 4-6 ✓ Visits (by Foreigners)		1/60 - 10/60 ✓	
✓ SECURITY 5-1 ✓ Visitor Clearance & Control		10/60 - 11/60 ✓	
✓ SECURITY 5-7 Areas - Classified & Unclassified		4/60	
* ✓ SECURITY 15 ✓ Codes		10/56 ✓	
<del>SEE</del> TRANSPORTATION 1 General Policy		10/60	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ TRANSPORTATION 1-2	Regulations	10/59 - 7/60	
✓ TRANSPORTATION 2	Equipment, Supplies	8/60	
✓ TRANSPORTATION 2-9	Demurrage	9/60	
✓ TRANSPORTATION 3	Materials	5/59 - 11/60	
✓ TRANSPORTATION 3-7	Materials - Regulations	4/60 - 7/60	
✓ TRANSPORTATION 4	Personnel	4/59 - 12/60	

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Reactor Division		Feb. 3, 1964	15 cu. ft.	
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.		
<i>Q-222-2</i>				
INTERNATIONAL AFFAIRS 8 ✓ DRAGON (from UK) Jan. - July 61	11/60 - 7/61	Indefinite  <i>Box #33</i>		
INTERNATIONAL AFFAIRS 8 ✓ DRAGON (to UK) Nov. - Dec. 61	11/61 - 12/61			
INTERNATIONAL AFFAIRS 8 ✓ DRAGON (to UK) Jan. - Oct. 61	5/60 - 10/61			
INTERNATIONAL AFFAIRS 8 ✓ DRAGON (Exchanged at Mtg. at GA, Oct. 61)	10/61 - 11/61			
<i>Blue Print</i> 8 ✓ French Reports <i>6/26/61</i>	9/61			
INTERNATIONAL AFFAIRS 10 ✓ DRAGON (Oct. 60)	1/60 - 3/61 ✓			
INTERNATIONAL AFFAIRS 10 ✓ Conferences 1961	5/61 - 12/61 ✓			
INTERNATIONAL AFFAIRS 10 ✓ DRAGON (US - 61)	4/61 - 12/61 ✓			
INTERNATIONAL AFFAIRS 10 ✓ Conferences (April 61)	12/60 - 11/61 ✓		Indefinite  <i>Box #34</i>	
INTERNATIONAL AFFAIRS 12 ✓ IAEA	7/60 - 12/61			
INTERNATIONAL AFFAIRS 21-1 ✓ PRNC	9/60 - 12/61			
INTERNATIONAL AFFAIRS 21-1 ✓ PRNC Highlight Reports	10/61 - 12/61			
MEDICINE, HEALTH & SAFETY 3 ✓ Radiation	1/61			
MEDICINE, HEALTH & SAFETY 3-2 ✓ June - Dec. <i>(1)</i>	1/61 - 12/61			
MEDICINE, HEALTH & SAFETY 3-2 ✓ Jan. - May <i>(2)</i>	1/61 - 5/61			
MEDICINE, HEALTH & SAFETY 3-2 ✓ Reactor Safety <i>(3)</i>	10/61 - 12/61			
MEDICINE, HEALTH & SAFETY 3-2 ✓ Hazards ORNL <i>(4)</i>	4/61 - 11/61			
MEDICINE, HEALTH & SAFETY 3-2 ✓ Reports List	10/61 - 11/61			
MEDICINE, HEALTH & SAFETY 3-9 ✓ Accidents	1/61 - 7/61			
MEDICINE, HEALTH & SAFETY 4 ✓ Health Physics	11/61			
MEDICINE, HEALTH & SAFETY 6 ✓ Standards, Regulations	3/61 - 5/61			

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<p><i>J-222-3</i></p> <p>* MEDICINE, HEALTH &amp; SAFETY 8 ✓ ORO Accident Experience Rpt.</p> <p>MEDICINE, HEALTH &amp; SAFETY 16 ✓ Safety &amp; Fire Protection</p> <p>MEDICINE, HEALTH &amp; SAFETY 28-1 ✓ Personnel Shelters</p> <p>PERSONNEL 1 General Policy ✓</p> <p>PERSONNEL 2 Employment ✓</p> <p>PERSONNEL 2-4 Discrimination ✓</p> <p>PERSONNEL 2-14 ✓ Fair Employment Practices</p> <p>PERSONNEL 3 ✓ (Assignment)</p> <p>PERSONNEL 4 ✓ Positions</p> <p>PERSONNEL 4-2 ✓ Ceilings</p> <p>PERSONNEL 5 ✓ Salary</p> <p>PERSONNEL 6 ✓ Attendance and Absence</p> <p>PERSONNEL 6-1 ✓ Leave - Overtime</p> <p>PERSONNEL 6-3 ✓ Holidays</p> <p>PERSONNEL 6-4 ✓ Hours of Duty</p> <p>PERSONNEL 7 ✓ Retirement</p> <p>PERSONNEL 8 ✓ Reports and Data</p> <p>PERSONNEL 9 ✓ Employee Incentive Program</p> <p>PERSONNEL 12 ✓ Contributions, Donations</p> <p>PERSONNEL 13-1 ✓ Commendations &amp; Citations</p> <p>PERSONNEL 14 ✓ Activities</p>		<p>2/61 - 11/61</p> <p>3/61 - 9/61</p> <p>12/61</p> <p>8/61</p> <p>1/61 - 12/61</p> <p>8/61 - 10/61</p> <p>6/61 - 11/61</p> <p>1/61 - 11/61</p> <p>8/61 - 9/61</p> <p>4/61 - 12/61</p> <p>8/61</p> <p>4/61 - 10/61</p> <p>2/61</p> <p>1/61</p> <p>2/61 - 7/61</p> <p>11/61</p> <p>12/60</p> <p>2/61 - 12/61</p> <p>3/61</p> <p>4/61 - 9/61</p> <p>5/61 - 12/61</p>	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>J-222-3</i>			
PERSONNEL 16 ✓ Termination		4/61 - 10/61	
PERSONNEL 17 ✓ Appraisal		10/60	
PERSONNEL 19 ✓ Medical Services		2/61 - 11/61	
PERSONNEL 19-2 ✓ Physical Examinations		4/61	
PERSONNEL 21 ✓ Training		2/61 - 12/61	
PERSONNEL 22 ✓ Military Service		1/61 - 11/61	
REACTOR DEVELOPMENT 1 ✓ General Policy		6/61 - 7/61	
REACTOR DEVELOPMENT 2 ✓ Core		7/61	
REACTOR DEVELOPMENT 3 ✓ Fuel (Gen.)		1/61 - 11/61	
REACTOR DEVELOPMENT 3 ✓ Thorium		5/61 - 11/61	
REACTOR DEVELOPMENT 3 ✓ Fuel Cycle Development Prog.		2/61 - 6/61	
REACTOR DEVELOPMENT 3 ✓ GE Irradiation Contract 1958-1961		6/58 - 1/61	
* REACTOR DEVELOPMENT 3 ✓ Fuel Cycle Irradiation Req.		5/57 - 12/61	
REACTOR DEVELOPMENT 3 ✓ ORNL - GNEC Beryllium (July - Dec.)		6/61 - 12/61	
REACTOR DEVELOPMENT 3 ✓ ORNL - GNEC Beryllium (Jan.-June)		6/60 - 6/61	
REACTOR DEVELOPMENT 3 ✓ ORNL - GNEC Beryllium Rpts.		12/60 - 1/61	
REACTOR DEVELOPMENT 3 ✓ ECNG-FWNG Prog. Review Rpts.		10/60 - 7/61	
REACTOR DEVELOPMENT 3-1 ✓ Fuel Elements		4/58 - 12/61	
* REACTOR DEVELOPMENT 3-2 ✓ Fuel Studies		1/61 - 12/61	
REACTOR DEVELOPMENT 3-2 ✓ Fission Product Release Studies		8/60 - 3/61	
REACTOR DEVELOPMENT 3-2 ✓ ORNL/ALCL Fission Prod. Release		6/59 - 5/61	

*Box #35*

*Box #36*

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
		<i>Q-222-3</i>	
	REACTOR DEVELOPMENT 3-3 ✓ Fuel Development	1/61 - 12/61	
*	REACTOR DEVELOPMENT 3-4 ✓ Fuel - Processing	2/61	
	REACTOR DEVELOPMENT 5 ✓ Cooling	12/60 - 6/61	
*	REACTOR DEVELOPMENT 6 ✓ Shielding	2/60 - 12/61	
	REACTOR DEVELOPMENT 7 ✓ Reactor Components	1/61 - 2/61	
	REACTOR DEVELOPMENT 7-1 ✓ Nuclear Control Systems	4/61 - 6/61	
*	REACTOR DEVELOPMENT 7-2 ✓ Non-Nuclear Components	5/61 - 12/61	
	REACTOR DEVELOPMENT 7-2 ✓ Gas-Cooled Loop Survey (May-Dec.)	10/58 - 9/61	
	REACTOR DEVELOPMENT 7-2 ✓ Gas-Cooled Loop Survey (Jan.-Apr.)	10/58 - 4/61	
*	REACTOR DEVELOPMENT 8 ✓ Reports	1/61 - 12/61	
	REACTOR DEVELOPMENT 8 ✓ Reactor Table	5/61 - 11/61	<i>Q-222-3</i>
	REACTOR DEVELOPMENT 8 ✓ Rpts. (AECL)	1/61 - 12/61	
	REACTOR DEVELOPMENT 8 ✓ Rpts. (Allis-Chalmers)	1/61 - 12/61	
	REACTOR DEVELOPMENT 8 ✓ Rpts. (Hanford Graphite Monthly)	1/61 - 12/61	
	REACTOR DEVELOPMENT 10-1 ✓ Light Water	1/61	
	REACTOR DEVELOPMENT 10-1 ✓ Boiling Water Reactors (Gen)	5/59 - 10/61	
	REACTOR DEVELOPMENT 10-1 ✓ BONUS - SADE Loop	2/61	
	REACTOR DEVELOPMENT 10-1 ✓ BONUS General	6/61 - 9/61	
	REACTOR DEVELOPMENT 10-1 ✓ BONUS Budget	10/60 - 12/61	
	REACTOR DEVELOPMENT 10-1 ✓ BONUS Contracts	9/60 - 8/61	
	REACTOR DEVELOPMENT 10-1 ✓ BONUS Equipment & Supplies	2/61 - 11/61	

*Box # 37*

## Instructions Printed on Back

Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
REACTOR DEVELOPMENT	10-1 ✓ BONUS -Inf. & Pub.	1/61 - 11/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS Legal	6/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS Materials	6/61 - 8/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS Med., Health & Safety	2/59 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS O&M	1/61 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS PLBL	2/61 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS PLBL 4	1/61 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS PLBL 8	1/61 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS RD-2 (Core)	10/61 - 11/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS RD 7-2 Non-Nuclear Components	5/61 - 9/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS Rpts. Corresp.	1/61 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS Rpts. (Breakdown of Services)	12/60 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS RD - 8	2/61 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS RD - 9 Containment	1/61 - 12/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS Res. & Dev.	12/60 - 11/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS Security	10/61	
REACTOR DEVELOPMENT	10-1 ✓ BONUS Transportation	11/60 - 11/61	
REACTOR DEVELOPMENT	10-1 ✓ Small Pressurized Water Reactor Proposal to the USAEC for a Small Size Pressurized Water Reactor Complex, Feb. 1, 1960, Volume I & II	2/60 - 12/61	
SSPWR Meltdown Analysis, ATL-295 ✓ May 16, 1960 (Advanced Technology Laboratories)			
REACTOR DEVELOPMENT	10-2 ✓ Heavy Water (Prints)	12/60 - 12/61	#38 Box

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>J-222-4</i>			
REACTOR DEVELOPMENT	10-3 ✓ Fast (NDA Study)	9/60 - 2/61	
REACTOR DEVELOPMENT	10-3 ✓ Fast Breeder	10/60 - 12/61	
REACTOR DEVELOPMENT	10-3 ✓ HRE	12/60 - 11/61	
REACTOR DEVELOPMENT	10-3 ✓ AETR	12/59 - 6/61	
REACTOR DEVELOPMENT	10-3 ✓ Thermal Breeder	3/61	
REACTOR DEVELOPMENT	10-4 ✓ Organic Cooled	3/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR General	7/59 - 2/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Budget	6/60 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Contracts	2/61 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Communications & Records	3/61 - 8/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Equipment & Supplies	2/61 - 11/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Information & Publication	11/59 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Legal	5/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Materials	1/61 - 4/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Med., Health & Safety (Oct. - Dec.)	10/61 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Med., Health & Safety (Aug. - Sept.)	7/61 - 9/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Med., Health & Safety (Apr. - July)	3/61 - 7/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Med., Health & Safety (Jan. - Mar.)	10/60 - 3/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR O&M (Committees)	10/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR O&M	1/61 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR Personnel	9/60 - 12/61	

*#39  
Box*

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>Q-222-5</i>			
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL	12/60 - 11/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 4	10/60 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 5 Space	2/61 - 12/61	<i>Box #40</i>
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 7 Operations	5/59 - 11/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL-7 (TVA Rpts.)	1/61 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL-7 (Opr. Manual)	11/60 - 1/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 7 (Opr. Manual)	10/59 - 5/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 7 (Opr. Manual)	5/61 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 7 (Opr. Manual)	5/61 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 8 Rpts.	9/60 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 8 (ORNL)	1/61 - 6/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR <sup>PLBL 8</sup> (Kaiser Eng.)	1/61 - 5/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 8 (AC Rpts.)	12/60 - 4/61	<i>Box #41</i>
REACTOR DEVELOPMENT	10-5 ✓ EGCR PLBL 8 (HK Ferguson)	1/61 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR RD-2 Core	1/61 - 7/61	
* REACTOR DEVELOPMENT	10-5 ✓ EGCR RD-2 Graphite (July-Dec.)	5/61 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR RD-2 Graphite (Jan.-June)	12/60 - 7/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR RD-3 Fuel	9/60 - 12/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR RD-4 Moderators & Reflectors	5/60 - 8/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR RD-5 Cooling	1/61 - 8/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR RD-6 Shielding	1/61 - 2/61	
REACTOR DEVELOPMENT	10-5 ✓ EGCR RD-7 Reactor Components	4/61	



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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>Q-222-6</i> REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-1 (Control System) (Sept. & Dec.)		7/61 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-1 (Mar.-July)		3/61 - 7/61	<i>Box #42</i>
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-1 (Jan.-Feb)		8/60 - 2/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Blower Seal		1/61 - 10/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Non-Nuclear Comp.		1/61 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Dry Bearings		1/61 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Loops		12/60 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Loop Directive		10/60 - 6/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Service Machine		9/60 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 8 Reports		<del>8/59</del> 61	<i>Box #43</i>
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 8 (AC Studies)		1/61 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-8 FWCNG Rpts.		2/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-9 Container		2/61 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR Res. & Dev.		1/61 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR Security		6/60 - 12/61	
REACTOR DEVELOPMENT 10-5 ✓ EGCR Transportation		7/61 - 9/61	
REACTOR DEVELOPMENT 10-5 ✓ Turret		11/60	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR ✓ Sept. - Dec.		11/60 - 12/61	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR ✓ Jan. - Aug.		9/60 - 8/61	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR ✓ Rpts. Correspondence		12/60 - 12/61	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>J-222-8</i>			
REACTOR DEVELOPMENT	10-5 ✓ Advanced Gas Cooled Reactor	9/60 - 12/61	
REACTOR DEVELOPMENT	10-6 ✓ Molten Salt	10/60 - 12/61	
REACTOR DEVELOPMENT	21 ✓ Education & Training	10/59 - 12/61	<i>Box #44</i>
REACTOR DEVELOPMENT	22 ✓ Civilian Power Reactors	1/61 - 6/61	
REACTOR DEVELOPMENT	22 ✓ Civ. Power Reactors - 10 yr. Study	6/60 - 5/61	
REACTOR DEVELOPMENT	22-1 ✓ Power Demonstration Reactor Program	2/61 - 7/61	
* REACTOR DEVELOPMENT	23 ✓ Naval Reactors	12/59 - 3/61	
REACTOR DEVELOPMENT	24 ✓ Army Reactors	2/61 - 9/61	
* REACTOR DEVELOPMENT	25 ✓ Manned Aircraft (LAROO Monthly)	1/61 - 4/61	
REACTOR DEVELOPMENT	26 ✓ Maritime Reactors	6/60 - 10/61	
* REACTOR DEVELOPMENT	27 ✓ Rocket Propulsion	4/57 - 8/61	
REACTOR DEVELOPMENT	28 ✓ Ramjet Propulsion	6/61 - 9/61	
REACTOR DEVELOPMENT	29 ✓ Auxiliary Power Sources	4/61	
REACTOR DEVELOPMENT	30-1 ✓ Low Temperature Process Heat	10/60	
REACTOR DEVELOPMENT	31 ✓ Test Reactors	8/61 - 11/61	
REACTOR DEVELOPMENT	31 ✓ Kema Suspension Test Reactor	11/60 - 11/61	
REACTOR DEVELOPMENT	32 ✓ Research Reactors (ORR) ✓ ?	11/55 - 12/61	
REACTOR DEVELOPMENT	32 ✓ Fast Burst Reactors	11/59 - 5/61	
REACTOR DEVELOPMENT	32 ✓ HFIR	4/60 - 11/61	
REACTOR DEVELOPMENT	32 ✓ ORNL Graphite Reactor	5/61 - 11/61	
REACTOR DEVELOPMENT	32 ✓ Training, Teaching Reactors	5/61 - 12/61	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>J. 222-8</i>			
REACTOR DEVELOPMENT	36 ✓ Reactors-General (Australian)	12/60 - 1/61	
RESEARCH & DEVELOPMENT	1 ✓ General Policy	6/61 - 12/61	
RESEARCH & DEVELOPMENT	1-1 ✓ Proposals July - Dec.	6/60 - 12/61	
* RESEARCH & DEVELOPMENT	1-1 ✓ Proposals Jan. - July	7/60 - 7/61	
RESEARCH & DEVELOPMENT	1-1 ✓ Pebble - Bed	11/60 - 11/61	
RESEARCH & DEVELOPMENT	19 ✓ Computers	2/91	<i>Box #45</i>
JKAEA Drawings Listed Below:			
Drg. No.		Dr. No.	
2828A ✓	46B ✓	AE 41242A ✓	
" 2828B ✓	210 ✓	" AE 41715A ✓	
" 2828B ✓	216 ✓	* " AE 43506 ✓	
" 2828C ✓	14B ✓	* " AE 43513 ✓	
" 2828C ✓	212 ✓	* " AE 44472 ✓	
" 2828C ✓	129 ✓	* " AE 44667 ✓	
" 2828D ✓	13 ✓	* " AE 44911 ✓	
" 2828D ✓	211 ✓	* " AE 48308B ✓	
" 2828E ✓	23C ✓	* " AE 48309A ✓	
* AE 48839C ✓		* " AE 48311 ✓	
* AE 3957L ✓		" AE 64977 ✓	
* AE 40367A ✓		" AE 65089 ✓	
* AE 43610B ✓		* " AE 81135 ✓	
* AE 43611B ✓		" AE 69904 ✓	
* AE 43612B ✓		" AE 67280 ✓	
* AE 36824BC ✓		* " AE 40797A ✓	
* AE 40894AB ✓		" AE 41713 ✓	
* AE 5392L ✓		* " AE 35937 ✓	
" AE 73100 ✓		* " AE 35948 ✓	
* AE 35956 ✓		* " AE 35950 ✓	
* AE 35969 ✓		" AE 35804 ✓	
" AE 38435D ✓		* " AE 48310A ✓	
* AE 38850E ✓		" AE 39825K ✓	
* AE 38879AB ✓		* " AE 47188 ✓	
* 40465N ✓		* " AE 35990A ✓	
* 40844M ✓		" AE 37631 ✓	
* AE 41189 ✓		" AE 4172L ✓	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
UKAEA Drawings (Continued)  Drg*No. AE 42782 ✓ " AE 67426 ✓ " AE 44247D ✓ * AE 58537 ✓ * AE 44685A ✓ * AE 36096 ✓ * AE 39142 ✓ * AE 40495 ✓ " AE 41714A ✓ " AE 41718 ✓ " AE 41719 ✓ " AE 48175C ✓ * AE 57194 ✓ " AE 41720A ✓ * AE 43613A ✓ * AE 39282A ✓ * AE 48125AB ✓ <del>XXXXXXXXXXXXXXXXXXXX</del> * AE 58930A ✓			

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Form OR-663  
See OR-0230)

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Reactor Division	<i>T. P. Carberry</i> T. P. Carberry	1-29-65	9 cu. ft.
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<u>0-557-6</u>			
INTERNATIONAL AFFAIRS 2✓ US/USSR	8/21/62	Box 45 Indefinite	
INTERNATIONAL AFFAIRS 2✓ US/UK Reactor Agreement -COO	5/61 - 6/62		
INTERNATIONAL AFFAIRS 2✓ Australian (Swindeman's Assignment)	3/61 - 12/62		
INTERNATIONAL AFFAIRS 2-7✓ AGR Visits (May thru Dec.)	12/61 - 12/62		
INTERNATIONAL AFFAIRS 2-7✓ AGR Visits (Jan. - April)	1/62 - 4/62		
INTERNATIONAL AFFAIRS 2-7✓ DRAGON Visits	1/62 - 11/62		
INTERNATIONAL AFFAIRS 2-8✓ AGR	7/61 - 12/62		
INTERNATIONAL AFFAIRS 2-8✓ AGR Graphite Newsletter	2/62 - 12/62	Box 46	
INTERNATIONAL AFFAIRS 2-8✓ DRAGON	9/61 - 12/62		
INTERNATIONAL AFFAIRS 2-8✓ DRAGON Drawings (Trans. 8-9-62, 8-18-62)	8/62		
INTERNATIONAL AFFAIRS 5✓ Domestic Program-Foreign Countries	1/62 - 8/62		
INTERNATIONAL AFFAIRS 5-8✓ Libby/Cockcroft Agreement	12/61 - 12/62		
INTERNATIONAL AFFAIRS 6-1✓ Euratom	9/61 - 12/62		
INTERNATIONAL AFFAIRS 8✓ Bi-Weekly Activities Rpt.	2/62 - 12/62		
INTERNATIONAL AFFAIRS 8✓ AGR/EGCR (to UK)	1/62 - 12/62		
INTERNATIONAL AFFAIRS 8✓ AGR/EGCR (from UK)	12/61 - 12/62		
INTERNATIONAL AFFAIRS 8✓ DRAGON/HTGR (to UK)	1/62 - 12/62		Box 47
INTERNATIONAL AFFAIRS 8✓ DRAGON/HTGR (from UK)	11/61 - 12/62		
INTERNATIONAL AFFAIRS 8✓ French Reports	2/62 - 5/62		

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
✓INTERNATIONAL AFFAIRS 10	✓Conferences - Symposia	2/62 - 12/62	Indefinite
✓INTERNATIONAL AFFAIRS 10	✓Dragon Meeting-UK 1962	1/62 - 9/62	
✓INTERNATIONAL AFFAIRS 10	✓Dragon Conferences U.S. 61	12/61 - 11/62	
✓INTERNATIONAL AFFAIRS 10	✓DRAGON US 62	8/62	
<del>-----</del>			
✓INTERNATIONAL AFFAIRS 12	✓IAEA <i>Q-557-7</i>	1/62 - 11/62	Box 47
✓INTERNATIONAL AFFAIRS 21	✓AGR	8/62 - 10/62	
✓INTERNATIONAL AFFAIRS 21	✓Dragon	1/62 - 12/62	
✓INTERNATIONAL AFFAIRS 21	✓Education & Training 1961	2/61 - 11/61	
✓INTERNATIONAL AFFAIRS 21-1	✓Puerto Rico Nuclear Center	1/62 - 12/62	
✓INTERNATIONAL AFFAIRS 21-1	✓PRNC Highlights Report	1/62 - 12/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓Reactor Safety	12/61 - 12/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓BREN	1/62 - 12/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓GE - Nuclear Test Gauge	4/62 - 10/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓GE - Fast Spectrum	9/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓Health Physics Research Reactor	12/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓LITR	12/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓OR Critical Exp. Facility	5/62 - 12/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓ORNL Graphite Reactor	9/62 - 10/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓OR Research Reactor	9/62	
✓MEDICINE, HEALTH & SAFETY 3-2	✓ORNL	11/61 - 9/62	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
	<i>5577</i>		
✓ MEDICINE, HEALTH & SAFETY 3-2 ✓ PRNC		1/62 - 12/62	Indefinite
✓ MEDICINE, HEALTH & SAFETY 3-2 ✓ Reports List		3/62	<i>Box # 48</i>
✓ MEDICINE, HEALTH & SAFETY 3-9 ✓ Accidents		3/62 - 7/62	
✓ REACTOR DEVELOPMENT 1 ✓ General Policy		1/62 - 2/62	
✓ REACTOR DEVELOPMENT 2 ✓ Core		1/62 - 9/62	
✓ REACTOR DEVELOPMENT 2 ✓ Graphite		7/62 - 10/62	
✓ REACTOR DEVELOPMENT 3 ✓ Fuel (General)		11/61 - 12/62	
✓ REACTOR DEVELOPMENT 3 ✓ Fuel Cycle Dev. Prog.		6/61 - 12/62	
✓ REACTOR DEVELOPMENT 3 ✓ Thorium		4/62 - 12/62	
✓ REACTOR DEVELOPMENT 3 ✓ GE Irradiation Contract No. 1350		1/60 - 3/62	
✓ REACTOR DEVELOPMENT 3 ✓ ORNL/GNEC Beryllium		5/59 - 11/62	
✓ REACTOR DEVELOPMENT 3 ✓ ORNL BeO Irradiation Program		10/61 - 1/62	
✓ REACTOR DEVELOPMENT 3 ✓ Irradiation Requirements		1/62 - 8/62	
✓ REACTOR DEVELOPMENT 3 ✓ NRTS		3/62 - 12/62	
✓ REACTOR DEVELOPMENT 3-1 ✓ Fuel Elements		8/62 - 9/62	
* ✓ REACTOR DEVELOPMENT 3-2 ✓ Fuel Studies		1/62 - 12/62	
✓ REACTOR DEVELOPMENT 3-2 ✓ Coated Particle Newsletter		10/61 - 12/62	
✓ REACTOR DEVELOPMENT 3-2 ✓ Fission Product Release Studies		3/61	
✓ REACTOR DEVELOPMENT 3-3 ✓ Fuel Development		1/62 - 11/62	
✓ REACTOR DEVELOPMENT 3-4 ✓ Fuel Processing		5/62	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>Q-557-7</i>			
✓ REACTOR DEVELOPMENT	5 ✓ Cooling	5/62 - 7/62	Indefinite
✓ REACTOR DEVELOPMENT	6 ✓ Shielding	10/61 - 12/62	<i>Box # 48</i>
* REACTOR DEVELOPMENT	7 ✓ Reactor Components	1/62 - 5/62	
✓ REACTOR DEVELOPMENT	7-1 ✓ Control Systems.	12/61 - 3/62	
✓ REACTOR DEVELOPMENT	7-2 ✓ Gas-Cooled Loop Survey.	7/62	<i>Box # 49</i>
✓ REACTOR DEVELOPMENT	7-2 ✓ Non-Nuclear Components.	11/61 - 12/62	
✓ REACTOR DEVELOPMENT	8 ✓ AECL.	1/62 - 10/62	
✓ REACTOR DEVELOPMENT	8 ✓ Reports (General).	4/61 - 12/62	
✓ REACTOR DEVELOPMENT	8 ✓ Reactor Table.	5/62 - 12/62	
✓ REACTOR DEVELOPMENT	8 ✓ Allis-Chalmers.	2/62 - 3/62	
✓ REACTOR DEVELOPMENT	8 ✓ Hanford Graphite Monthly.	1/62 - 12/62	
✓ REACTOR DEVELOPMENT	8 ✓ Foreign Reactor Development.	2/62 - 12/62	
✓ REACTOR DEVELOPMENT	8 ✓ ORNL Evaluation & Planning.	1/62 - 12/62	
* REACTOR DEVELOPMENT	9 ✓ Container (Pressure Vessel)	11/61 - 12/62	<i>Q-557-8</i>
✓ REACTOR DEVELOPMENT	9 ✓ Container (Pressure Vessel) 61	2/61 - 12/61	
✓ REACTOR DEVELOPMENT	10-1 ✓ Boiling Water Reactors (Gen.).	8/62	
✓ REACTOR DEVELOPMENT	10-1 ✓ BONUS (Gen.).	4/62 - 11/62	
✓ REACTOR DEVELOPMENT	10-1 ✓ BONUS Budget.	1/62 - 12/62	
✓ REACTOR DEVELOPMENT	10-1 ✓ BONUS Communications & Records.	6/62	
✓ REACTOR DEVELOPMENT	10-1 ✓ BONUS Contracts.	7/62 - 12/62	



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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<i>J-557-8</i>			
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Equipment & Supplies	5/62 - 11/62	Indefinite <i>Box # 49</i>
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Information & Pub.	1/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Materials	1/62 - 11/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Legal	3/62 - 11/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Med., Health & Safety	2/61 - 11/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	O&M	1/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Personnel	12/61 - 12/62	<i>Box # 50</i>
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Personnel 1961.	1/61 - 12/61	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL.	3/62 - 6/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-4.	3/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-7	9/60 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-7 (1961)	3/61 - 12/61	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-7 Operating Procedures	4/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-7 Checkout Procedures	2/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-7 Technical Specifications	3/62 - 10/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-7 PRWRA Rpts.	9/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-8	1/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	PLBL-12 Power	7/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	RD-2 Core	10/61	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>J-557-8</i>			
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	RD 7-1 Control System	7/62 - 11/62	Indefinite
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	RD 7-1 Control System 1961	3/61 - 11/61	<i>Box # 50</i>
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	RD 7-2	4/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	RD 8 Rpts. Correspondence	1/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	RD 8 (Breakdown of Services)	4/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	RD 9 Container	1/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	RD 21	2/61 - 6/61	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	R&D (Sept. - Dec.)	5/31 - 12/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	R&D (Jan. - Aug.)	8/61 - 8/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Security	11/62	
✓ REACTOR DEVELOPMENT 10-1 ✓ BONUS	Transportation	4/62 - 11/62	<i>Box # 51</i>
✓ REACTOR DEVELOPMENT 10-1 ✓ SPWR		1/62 - 2/62	
✓ REACTOR DEVELOPMENT 10-2 ✓ Heavy Water		12/61 - 12/62	
✓ REACTOR DEVELOPMENT 10-3 ✓ AETR		1/62 - 2/62	<i>J-557-9</i>
✓ REACTOR DEVELOPMENT 10-3 ✓ Fast Breeder		1/62 - 7/62	
✓ REACTOR DEVELOPMENT 10-3 ✓ HRE		3/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ Gen. Gas Cooled (Drawings)		4/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ Gen. Gas Cooled		3/62 - 11/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR General		2/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Budget (July - Dec.)		7/62 - 12/62	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>1-557-9</i> ✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Budget (Jan. - June)		11/60 - 6/62	<i>Box # 51</i> Indefinite
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR C&R		8/62 - 9/62	<i>Box # 52</i>
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Contracts		1/62 - 11/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR E&S		7/61 - 10/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Inf. & Pub.		11/61 - 12/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Materials		2/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Med., Health & Safety (July - Dec.)		7/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Med., Health & Safety (May - July)		10/61 - 7/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Med., Health & Safety (Jan. - April)		10/61 - 4/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR O&M		4/61 - 12/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR O&M (Committees)		9/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Personnel		2/61 - 11/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Personnel (Davis-Bacon)		11/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Personnel 11		4/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL		12/61 - 3/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-4		1/62 - 12/62	<i>Box # 53</i>
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL 4-6		2/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 (TVA Reports)		1/62 - 1/63	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Oper. Manual		1/62 - 12/62	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Operations		7/61 - 11/62	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records	
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-5 Space	1/62 - 12/62		Indefinite	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Test Procedures	1/62 - 12/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Checkout Proced.	11/62		Box # 53	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-8 Construction Progress	1/62 - 12/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-8 Rpts. Corresp.	1/62 - 1/63			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-2 Core	1/62 - 11/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-2 Graphite	1/62 - 12/62			Q-557-10
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-3 Fuel (June-Dec.)	2/62 - 12/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-3 Fuel (Apr. - May)	4/62 - 5/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-3 Fuel (Jan. - March)	1/62 - 4/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-5 Cooling	2/62 - 6/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-6 Shielding	12/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-1 Control System	5/60 - 12/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 (May - Dec.)	4/62 - 12/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 (Jan. - April)	3/61 - 4/62		Box # 54	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Bloweb Seal Dev.	1/62 - 11/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 (Chg., Service Mach.)	5/61 - 12/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-8 (Rpts. Corresp.)	2/62 - 9/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-8 (A-C Studies)	1/62 - 12/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-9 Container	12/61 - 8/62			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Res. & Dev.	1/62 - 11/62			

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ REACTOR DEVELOPMENT 10-5 ✓ ECCR Security	3/62 - 8/62	Box # 54	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Transportation	3/62 - 7/62	Indefinite	
✓ REACTOR DEVELOPMENT 10-5 ✓ Advanced Gas-Cooled Reactor	8/60 - 12/62	Box # 55	
✓ REACTOR DEVELOPMENT 10-6 ✓ Molten Salt	12/61 - 12/62		
✓ REACTOR DEVELOPMENT 21 ✓ Education & Training	1/62 - 12/62		
✓ REACTOR DEVELOPMENT 22-1 ✓ Power Demonstration Reactors	12/62		
✓ REACTOR DEVELOPMENT 24 ✓ Army Reactors	2/62 - 11/62		
✓ REACTOR DEVELOPMENT 26 ✓ Maritime Reactors	2/62 - 12/62		
* ✓ REACTOR DEVELOPMENT 27 ✓ Rocket Propulsion	2/62 - 10/62		
✓ REACTOR DEVELOPMENT 31 ✓ Test Reactors	7/62 - 8/62		
✓ REACTOR DEVELOPMENT 31 ✓ Kema	6/62 - 12/62		
✓ REACTOR DEVELOPMENT 31 ✓ LITR	1/62 - 8/62		
✓ REACTOR DEVELOPMENT 32 ✓ HFIR	1/62 - 11/62		
✓ REACTOR DEVELOPMENT 32 ✓ Research, Teaching (ORR)	3/62 - 11/62		
✓ REACTOR DEVELOPMENT 32 ✓ ORNL Graphite Reactor	1/62		
✓ REACTOR DEVELOPMENT 32 ✓ Fast Burst Reactor	6/62		

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Reactor Division	<i>L.A. Carberry</i>	11-19-65	6 cu. ft.
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<u>INTERNATIONAL AFFAIRS 8 (Reports)</u>			<i>Box # 55</i>
✓ AEEW - M 4 ✓ An Interim Report on the Zenith Exponential Experiments	June 1959		
✓ AEEW - M 20 ✓ The Fuel, Can and Sleeve Temperature Coefficients of A.G.R.	Nov. 1959		
✓ AEEW - M 45 ✓ The Effect of Temperature Coefficients on the Stability of the Windscale AGR Automatic Control System for Small Disturbances	May 1960		
✓ AEEW - M 91 ✓ Experimental Programme for Zenith 1961	Dec. 1960		
AEEW - M 286 ✓ Monte Carlo Calculations of Fast Effects In Uranium Graphite Lattices	Dec. 1962		
✓ AEEW - M 304 ✓ ERIC I, a Fortran Programme for Calculating Resonance Integrals, and Some Examples of its Use	Apr. 1963		
✓ AEEW - R 50 ✓ A Report on the First Loading of Zenith	Dec. 1960		
✓ AEEW - R 55 ✓ An Interim Report on the Second Loading of Zenith	Feb. 1961		
✓ AEEW - R 59 ✓ Measurements of the Temperature Coefficients of the Resonance Integrals of Uranium and Uranium Oxide by the Pile Oscillator Technique	May 1961		
✓ AEEW - R 89 ✓ Time-Of-Flight Neutron Spectra Measurements in Zenith	Jan. 1962		
✓ AEEW - R 94 ✓ Methods of Calculation for Graphite Moderated Gas Cooled Uranium Reactors	Oct. 61		
✓ AEEW - R 114 ✓ A Second Report on the Second Loading of Zenith	Jan. 1962		
✓ AEEW - R 145 ✓ MINX: A Method for Determining Spectra in Cylindrical Cells Containing Non-Uniform Thermalizing Fuel Regions	Feb. 1963		
✓ AEEW - R 163 ✓ Resonance Shielding in Thorium-Graphite Mixtures	March 1962		
✓ AEEW - R 173 ✓ A Report on Core 2A of Zenith	May 1962		
✓ AEEW - R 250 ✓ A Preliminary Description of Thule	Jan. 1963		
✓ AEEW - R 253 ✓ A One Group Collision Probability Routine for Annular Systems	April 1963		
✓ AERE - C/M 220 ✓ The Preparation of a Quantity of Aluminum Phosphide	Oct. 1954		
✓ AERE - C/M 361 ✓ The Effect of Temperature on the Carbon Dioxide-Graphite Reaction Under Pile Radiation	Nov. 1958		

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ AERE - C/R 1374 ✓	The Effect of Pile Radiation on the Carbon Dioxide - Graphite Reaction	Jan. 1956	Box 55
✓ AERE - C/R 1450 ✓	The Oxidation of Graphite During Irradiation in Oxygen	Apr. 1959	
✓ AERE - C/R 2589 ✓	Radiochemical and Physical Examination of Debris from the Winscale Incident	June 1958	
✓ AERE - E/R 2820 ✓	A Fission Product Detector for Gases up to a Pressure of 150 lb/in <sup>2</sup> Gauge	Jan. 1959	
✓ AERE - M 435 ✓	Oxidation of Beryllium in the Absence of Irradiation	May 1959	
✓ AERE - M 457 ✓	Some Comments on the Gas Activation Method of Flux Scanning Proposed <del>by</del> for AGR	June 1959	
✓ AERE - M 458 ✓	Some Stability Calculations for the Auto-Control of AGR on Constant Flux/Flow Ratio	June 1959	
✓ AERE - M 490 ✓	AERE Irradiation Experiments Relevant to AGR Fuel Elements	1959	
✓ AERE - M 493 ✓	Development of Austenitic Stainless Steels as Canning Materials for High Temperature CO <sub>2</sub> Cooled Reactors	Aug. 1959	
✓ AERE - M 520 ✓	Internal and External Pressure Tests on Beryllium Tubes	Nov. 1959	
✓ AERE - M 588 ✓	An Experimental Determination of the Effective Neutron Temperature Inside Heated Graphite Sleeves and Rods	May 1960	
✓ AERE - M 630 ✓	AERE Metallurgy Division Proposals for an Irradiation Programme on Stainless Steel Clad UO <sub>2</sub> Fuel Elements		
✓ AERE - M 667 ✓	Experimental Techniques in the Study of the Reaction Between Carbon Dioxide and Graphite Under Radiation	Apr. 1960	
✓ AERE - M 685 ✓	Diffusional Control of Oxidation of Graphite	May 1960	
✓ AERE - M 691 ✓	Spray Drying of UO <sub>2</sub> Suspensions	June 1960	
✓ AERE - M 752 ✓	The Calculation of Gaseous Fission Product Release in UO <sub>2</sub> Fuel Elements	Oct. 60	
✓ AERE - M 888 ✓	A Method for the Production of Dense Uranium Dioxide Spheroids	July 1961	
✓ AERE - M 954 ✓	Permeability Variations Within a Block of Pile "A" Graphite	Nov. 1961	
✓ AERE - M 1090 ✓	Grain Growth of Austenitic Stainless Steels During Induction Heating	Oct. 62	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<p>✓ AERE - M 1283 ✓ The Determination of Partial Molar Oxygen Pressures for Uranium Oxide Pellets Prepared for the Advanced Gas Cooled Reactor</p> <p>✓ AERE - M/M 105 ✓ Glazes for Graphite Moderators</p> <p>✓ AERE - M/M 108 ✓ The Reaction of Beryllium with Carbon Dioxide in the Temperature Range 500-700°C</p> <p>✓ AERE - M/M 149 ✓ The Protection of Graphite from Oxidation at Elevated Temperatures</p> <p>✓ AERE - M/M 168 ✓ Compatibility of UO<sub>2</sub>, UC and Uranium with CO<sub>2</sub></p> <p>✓ AERE - M/M 170 ✓ Inhibition of Graphite Oxidation</p> <p>✓ AERE - M/M 203 ✓ Crazeing in UO<sub>2</sub> Sintered Pellets</p> <p>✓ AERE - M/TN 54 ✓ The Effects of Neutron Irradiation on the Properties of Iron and Steels</p> <p>✓ AERE - R 2886 ✓ Fast Neutron Spectra in Thermal Reactors and Their Relation to Radiation Damage</p> <p>✓ AERE - R 3023 ✓ Dragon Fuel Testing by Capsule Irradiation</p> <p>✓ AERE - R 3222 ✓ The Derivation of Diffusion Coefficients Describing the Rate of Escape of Fission-Products from Uranium-Graphite Fuel</p> <p>✓ AERE - R 3223 ✓ An Experiment to Measure Diffusion Coefficients Describing the Rate of Escape of Fission Products from Uranium-Graphite Fuel</p> <p>✓ AERE - R 3282 ✓ The Effect of Irradiation Upon Beryllium Its Likely Behaviour as a Can Material</p> <p>✓ AERE - R 3285 ✓ Dragon Fuel Irradiations (DIDO 4V Capsules)</p> <p>✓ AERE - R 3387 ✓ Post Irradiation Examination of Some Short Beryllium Clad UO<sub>2</sub> Fuel Elements</p> <p>✓ AERE - R 3412 ✓ Removal of Radioactive Iodine Vapour from Air</p>		<p>Sept. 1963 Dec. 1955 Feb. 1956 Mar. 1957 1957 1957 Sept. 1958 Mar. 1960 May 1959 July 1959 June 1960 Feb. 1960 March 1960 July 1960 July 1960 July 1960</p>	<p>Box # 55</p> <p><i>Handwritten signature</i></p>
<p>✓ AERE - R 3443 ✓ The Measurement of Fast Neutron Flux Using the S<sup>32</sup>(n,p)P<sup>32</sup> Reaction</p> <p>✓ AERE - R 3461 ✓ HTGC Fuel Irradiation (DIDO 1 Series) Equipment for Post Irradiation Examination in the High Activity Handling Building-Harwell</p> <p>✓ AERE - R 3471 ✓ The Diffusion of Caesium, Strontium and Barium Through Porous Graphites</p>		<p>Nov. 1960 Sept. 1960 Apr. 1961</p>	<p>Box 56</p>



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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<del>AERE</del> - R 3477 ✓	Gas Permeability Studies of Some Artificial Graphites	Sept. 1960	<i>Box # 56</i>  <i>GENERAL</i>
<del>AERE</del> - R 3504 ✓	The Dimensional Changes Produced in Grade "A" Graphite by High Flux Irradiation	Oct. 1960	
<del>AERE</del> - R 3505 ✓	An Analysis of the Dimensional Changes in Irradiated Graphite	Jan. 1962	
<del>AERE</del> - R 3595 ✓	Dragon Fuel Irradiations (DIDO 4V Capsules)	July 1961	
<del>AERE</del> - R 3603 ✓	The Oxidation of UO <sub>2</sub> and Defect Fuel Elements	Dec. 1960	
<del>AERE</del> - R 3721 ✓	The Stoichiometry of the Radiation Induced Reaction Between CO <sub>2</sub> and Graphite	Aug. 1961	
<del>AERE</del> - R 3802 ✓	The Properties of Uranium Monocarbide Fabricated by Direct Reaction of the Elemental Powders	Aug. 1961	
<del>AERE</del> - R 3813 ✓	Analysis of Fission and Thermal Neutron Flux Measurements with Cobalt and Nickel	Nov. 1961	
<del>AERE</del> - R 3979 ✓	Irradiation Damage in Graphite	March 1962	
<del>AERE</del> - R 4036 ✓	The Irradiation of the First Charge in HTGC Pluto Loop	June 1962	
<del>AERE</del> - R 4067 ✓	Dimensional and Thermal Expansion Changes Produced in Grade "A" Graphite by High Flux Neutron Irradiation	July 1962	
<del>AERE</del> - R 4107 ✓	Processing Studies on Carbide - Graphite Fuel Elements for a High Temperature Gas-Cooled Reactor	Aug. 1962	
<del>AERE</del> - R 4184 ✓	The Influence of Crystallite Size on the Thermal Conductivity of Irradiated Polycrystalline Graphite	Oct. 1962	
<del>AERE</del> - R 4234 ✓	The Annealing of Thermal Conductivity Changes in Electron-Irradiated Graphite	Jan. 1963	
<del>AERE</del> - R 4243 ✓	Dimensional Changes in the Irradiated Graphite Lattice	Feb. 1963	
<del>AERE</del> - R 4316 ✓	The Flux-Level Effect in Radiation Damage	April 1963	
<del>AERE</del> - R 4345 ✓	Enhanced Nucleation of Radiation Damage in Graphite	May 1963	
<del>AERE</del> - R 4364 ✓	Some Effects of Electron Irradiation on the Young's Modulus of Graphite	June 1963	
<del>AERE</del> - R 4372 ✓	Radiation Induced Creep in Graphite	August 1963	
<del>AERE</del> - R/M 158 ✓	The Effect of Fast Neutron Reactions in Beryllium Cans	Jan. 1958	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ AERE - R/M 165 ✓ High Temperature Graphite Joints		April 1958	Box # 56
✓ AERE - R/M 209 ✓ A Simple Theory for Flux Depressions Caused by Loops in a Reactor		Sept. 1958	
✓ AERE - R/M 234 ✓ Estimation of the Performance of Antimony Beryllium Neutron Sources		1959	
✓ AERE - R/R 2562 ✓ Experiments on Sub-Critical Assemblies of Enriched Uranium Plates in Natural Water		May 1958	
✓ AGR Prog. W. P. Note 39 ✓ Estimated Accuracy of the AGR Flux Scanning System under Normal Operating Conditions		July 1961	
✓ AGR Prog. W. P. Note 16 ✓ Preliminary Report - Argon Flux Scanning Experiments in B.E.P.O.			
✓ AGR/USAEQ 1 thru 14 ✓ Papers from Symposium on the Advanced Gas Cooled Reactor (See DEG Rpt. 55 for listing)			
✓ AWRE O - 35/58 ✓ Pressureless Sintered Beryllium Powder			
✓ 7H/CEGB/8(a) ✓ Tests of Continuous Monitoring Techniques Using a 7H Hole in D.M.T.R.		Feb. 1960	
✓ DEG Memo 106(C) ✓ The Oxidation of Steels and Related Materials by Carbon Dioxide at Elevated Temperatures		Sept. 1959	
✓ DEG Memo 345(W) ✓ Measurements on the Mechanical Properties of Calder Graphite After Irradiation		Nov. 59	
✓ DEG Memo 475 (R) ✓ The Revised Design Specification of the Loop Facilities in the AGR		Jan. 1960	
✓ DEG Memo 534(C) ✓ The Rate of Release of Active Fission Gas from UO <sub>2</sub>		May 1960	
✓ DEG Memo 613(R) ✓ Final Design and Safety Report for CO <sub>2</sub> Graphite Mass Transfer Test Rig D.M.T.R.		Dec. 1960	
✓ DEG Memo 670(R) ✓ The Production of Tritium and Tritium Oxide in AGE		March 1960	
✓ DEG Memo 772(W) ✓ Proposal for Experiments in the Small Core of AGR		April 1960	
✓ DEG Memo 773 (C) ✓ The Development of Steels for Reactor Pressure Vessels		April 1960	
✓ DEG Memo 849(RD/W) ✓ Proposals for Loading AGR to Full Size		May 1960	
✓ DEG Memo 963(W) ✓ Proposed CO <sub>2</sub> Circuit Tests During AGR Commissioning		June 1960	
✓ DEG Memo 997(W) ✓ The Heat Transfer Properties of Isolated Rib Rough Surfaces		June 1960	
✓ DEG Memo 1004(C) ✓ Second Interim Report on the Development of Non-Destructive Testing Methods for the Inspection of Pressure Vessel Steels		June 1960	

*Cross Reference*

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓DEG Memo 1018(R) ✓Coolant Gas Relief Valves		June 1960	<p><i>Box #56</i></p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);"><i>RECEIVED</i></p>
✓DEG Memo 1036(W) ✓Proposals for Commissioning Tests on the AGR Can-Failure Detection Equipment		June 1960	
✓DEG Memo 1037(W) ✓Proposed Programme of Reactor Transient Experiments for the AGR		June 1960	
✓DEG Memo 1060(C) ✓An Investigation Into the Notch Ductility of Electric Furnace JTA101 Steels		Aug. 1960	
✓DEG Memo 1106(W) ✓The Effect of Uniform Poisoning on the Regional Criticality Problem in the AGR		July 1960	
✓DEG Memo 1132(W) ✓Proposals for the Measurement of Temperature Coefficient and Natural Convection in the AGR		July 1960	
✓DEG Memo 1143(W) ✓Proposals for Commissioning Experiments on the Automatic Control System for the Reactor Control of the AGR		July 1960	
✓DEG Memo 1272(W) ✓Commissioning Tests on Windscale AGR Gas Discharge Treatment Plants		Sept. 1960	
✓DEG Memo 1294(D) ✓Post-Irradiation Examination of Mark I AGR Rig UO <sub>2</sub> Stainless Steel Canned, Fuel Capsules		Oct. 1960	
✓DEG Memo 1395(W) ✓Proposed Commissioning Tests for the Advanced Gas Cooled Reactor Loop Facilities		Nov. 1960	
✓DEG Memo 1447(W) ✓Start-Up of the Windscale AGR Following a Complete Shut Down		Dec. 1960	
✓DEG Memo 1449(R) ✓Method of Thermocoupling the Mk.II Fuel Charge in the AGR		Dec. 1960	
✓DEG Memo 1488(CA) ✓Some Calculations on the Argon-41 "SOAK" Techniques of Flux Scanning		Jan. 1961	
✓DEG Memo 1546(W) ✓Tests on Prototype AGR B.C.D. Equipment		Jan. 1961	
✓DEG Memo 1599(W) ✓Neutron and Gamma Flux Measurements During AGR Operation		Feb. 1961	
✓DEG Memo 1621(C) ✓Progress Report on Some Irradiation Experiments on Steels and Associated Materials for Pressure Vessels		Feb. 1961	
✓DEG Memo 1624(W) ✓AGR Argon Flux Scanning System; Commissioning Proposals		May 1961	
✓DEG Memo 483(R) ✓Mechanical Properties of Graphite (AGR/USAEC/1)		1959	
✓DEG Rpt. 55 (R) ✓Paper 1: Introduction to the AGR System (AGR/USAEC/2)		July 1959	
✓DEG (AGR/USAEC/3) ✓Paper 2: The Experimental AGR Design			

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ <del>DEG Rpt. 55 (R)</del> (AGR/USAEC/4) ✓ <del>(AGR/USAEC/5)</del>	Paper 3: Fuel Elements for the Experimental AGR	July 1959	Box # 56  <i>WREN</i>
✓ <del>(AGR/USAEC/6)</del>	Paper 4: Design of the Pressure Circuit of the Experimental AGR	July 1959	
✓ <del>(AGR/USAEC/7)</del>	Paper 5: The Experimental AGR Internal Arrangements and Refuelling Procedure	July 1959	
✓ <del>(AGR/USAEC/8)</del>	Paper 6: Physics and Kinetics Considerations	July 1959	
✓ <del>(AGR/USAEC/9)</del>	Paper 7: Experimental Heat-Transfer Work	July 1959	
✓ <del>(AGR/USAEC/10)</del>	Paper 8: Gas Reactions with Graphite	July 1959	
✓ <del>(AGR/USAEC/11)</del>	Paper 9: Wigner Energy	July 1959	
✓ <del>(AGR/USAEC/12)</del>	Paper 10: Compatibility	July 1959	
✓ <del>DEG Memo 762 (W)</del> (AGR/USAEC/13)	Paper 11: Control and Instrumentation	July 1959	
✓ <del>AERE-M 661</del> (AGR/USAEC/14)	Irradiation Damage to Graphite	April 1960	
✓ <del>DEG Rpt. 56 (R)</del>	The Temperature Variation of High Flux Irradiation Damage in Graphite	March 1960	
✓ <del>DEG Rpt. 67 (R)</del>	Kinetic Calculations for the Advanced Gas-Cooled Reactor: A Comparison Between the Re-Entrant and Single-Pass Core Designs	1960	
✓ <del>DEG Rpt. 89 (W)</del>	Thermal Buckling of AGR Fuel Elements	Jan. 1960	
✓ <del>DEG Rpt. 108 (CA)</del>	Thermal and Irradiation Annealing of Stored Energy in Irradiated Graphite	1960	
✓ <del>DEG Rpt. 116 (CA)</del>	Review of Research on Gas Bearings in the UK Atomic Energy Authority	Jan. 1960	
✓ <del>DEG Rpt. 124 (R)</del>	A Universal Gas Compressor	Feb. 1960	
✓ <del>DEG Rpt. 150 (W)</del>	Optimization of the Automatic-Control System for the Windscale AGR	Sept. 1960	
✓ <del>DEG Rpt. 212 (CA)</del>	A General Theory of the Thermal Bowing of Rod-Cluster-Type Fuel Elements	May 1960	
✓ <del>DEG Rpt. 222 (C)</del>	Integration of the Pressure Distribution Between Gas-Lubricated Thrust Plates	Sept. 1960	
✓ <del>DEG Rpt. 228 (C)</del>	Progress Report on the Development of High-Quality Stainless-Steel Tube for AGR Fuel Canning	Oct. 1960	
✓ <del>DEG Rpt. 239 (C)</del>	The Characterisation of Graphite by Thermal Expansion	June 1961	
✓ <del>DEG Rpt. 244 (C)</del>	Second Progress Report on the Stress Relaxation Testing of Pressure-Vessel Steels	Oct. 1960	
	A Second Interim Report on the Effect of Strain Ageing on the Mechanical Properties of a Silicon-Killed Pressure Vessel Steel	Dec. 1960	

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓DEG Rpt. 268 (W)	The Measurement of the Rate of Release of Stored Energy in Graphite With The Differential Thermal Analysis Equipment	Nov. 1960	B7C56
✓DEG Rpt. 276 (R)	Hero: An Investigation of the Heater Control-System Performance	Dec. 1960	
✓DEG Rpt. 286 (W)	The CO <sub>2</sub> /Graphite Reaction in the Calder Reactors	Jan. 1961	
✓DEG Rpt. 296 (S)	Out-of-Pile Studies of the Ratchetting of Stainless Steel Clad UO <sub>2</sub> Fuel Elements	Mar. 1961	
✓DEG Rpt. 298 (S)	Fission Product Gas Release from UO <sub>2</sub>	May 1961	
✓DEG Rpt. 326 (W)	The Design and Operational Safety Submission for Apex, an Approach-to-Critical Facility at Windscale	June 1961	
✓DEG Rpt. 233 (W)	Compatibility Review of Reactor Materials for CO <sub>2</sub> -Cooled Graphite-Moderated Reactors	Oct. 1960	
✓DEG Rpt. 238 (S)	Kinetics of the Oxidation of Uranium Dioxides	July 1961	
✓DEG Rpt. 328 (W)	A linear-Rise Calorimeter for the Measurement of Stored-Energy Release Rates in Irradiated Graphite Specimens	April 1961	
✓DEG Rpt. 329 (W)	Thermal Annealing of Stored Energy in Irradiated Graphite	March 1961	
✓DEG Rpt. 338 (R)	Proposals for the Periodic Inspection of the Pressure Circuit Containment System and Associated Items of Equipment on the AGR	April 1961	
✓DEG Rpt. 345 (R)	Specification for Hero - A Low-Power High-Temperature Experimental Reactor	1961	
✓DEG Rpt. 361 (C)	The Effect of Irradiation on the Temperature of the Brittle to Ductile Transformation of Thick Steel Plates	June 1961	
✓DEG Rpt. 365 (C)	Automatic Ultrasonic Inspection of Pressure-Vessel Nozzle Welds	Aug. 1961	
✓DGS P/1	The Development of Low Permeability Graphite	Nov. 1959	
✓DGS P/2	The Use of Furfuryl Alcohol as a Bonding Agent for Low Permeability Graphite	Nov. 1959	
✓DGS P/3	Graphite Brazing Techniques	Nov. 1959	
✓DGS P/4	Contributions to the Development of Fine-Grain Graphite of Low Gas Permeability	Nov. 1959	
✓DGS P/5	Mechanical and Physical Properties of EY9 Graphite-Interim Rpt.	Sept. 1959	
✓DGS P/6	Gaseous Flow Through Graphite and Its Relation to the High Temperature Reactor System	Oct. 1959	

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✓DGS P/7 ✓ ✓DGS P/8 ✓		Nov. 1959	BOL # 56  <i>ABSW</i>
Gaseous Fission Product Release The Development and Production of Impermeable Graphite for the High Temperature Gas Cooled Reactor		Nov. 1959	
✓DGS P/9 ✓ On the Transmission of Fission-Products Through Impermeable Graphite		Nov. 1959	
✓DGS P/11 ✓ Oxidation of Impregnated Graphite		Nov. 1959	
✓DGS P/12 ✓ The Bend Strength and Young's Modulus of Impregnated Graphite		Nov. 1959	
✓DGS P/13 ✓ Low Permeability Graphite-The Furfuryl Alcohol Process		Nov. 1959	
✓DGS P/14 ✓ The Gas Impregnation of EY9 Graphite		Nov. 1959	
✓DGS P/15 ✓ The Properties of EY9 Electrographite and its Derivatives		Nov. 1959	
✓DGS P/16 ✓ Qualities Nouvelles De Graphite Impermeable		Nov. 1959	
✓DGS P/17 ✓ Some Notes on the Industrial Production of Nuclear Graphite		Nov. 1959	
✓DGS P/18 ✓ The Effect of Impregnation and Heat Treatment on the Physical Properties of Graphite		Nov. 1959	
✓DGS P/19 ✓ Graphite Joints		Nov. 1959	
✓DGS P/20 ✓ Some Experiments on the Pyrolytic Deposition of Carbon on Carbon Fibres and Powders		Nov. 1959	
✓EMIC Memo 106 ✓ Survey of Materials for High-Temperature Bearing and Sliding Applications		May 1961	
✓DPD (60)63-Issue 1 ✓ First Annual Report-Section I-Administration and Organisation		April 1960	
✓DPD (60)64-Issue 1 ✓ First Annual Report-Section II-Research and Development		April 1960	
✓DPD (60)65-Issue 1 ✓ First Annual Report-Section III-Reactor Design and Construction		April 1960	
✓DPD (61)170 Issue 1 ✓ Second Annual Report 1960-1961		March 1961	
✓DPD (61)234-Issue 1 ✓ DRAGON/USAEC Collaboration-Exchange of Information		Nov. 1961	
✓DPED/153 ✓ A Brief Resume of the Dragon Reactor Bearing Investigations and a Summary of the Test Results Obtained to Date			
✓DPED/284 ✓ Bearing and Gear Tests -Brief Summary of Results Obtained During the Period Jan.-June 1961			
✓DP Memo 3 ✓ The Effect of Oil and Grease Vapours on the Purity of the He Coolant in the HTR		Jan. 1960	

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✓ DP Memo 5 ✓	Note on the Possibility of Solid Fission Product Deposition in the Scavenge Pipes of the Dragon Reactor	Jan. 1960	<i>Box # 56</i>  
✓ DP Memo 8 ✓	Remote Handling Equipment	Mar. 1960	
✓ DP Memo 9 ✓	In-Pile Mass Transfer Loop	Mar. 1960	
✓ DP Memo 11 ✓	Tests on the Sperry Vernier Motor	Sept. 1960	
✓ DP Memo 13 ✓	The Oxidation of Solid Fission Products in the Helium Purge Flow	May 1960	
✓ DP Memo 14 ✓	Proposals and Suggestions in Connection With the Purge Flow Through the Fuel Elements	April 1960	
✓ DP Memo 16 ✓	Some Notes and Proposed Tests on Greases and Ball Bearings	May 1960	
✓ DP Memo 17 ✓	Primary Heat Exchanger Tube Assembly Design	May 1960	
✓ DP Memo 18 ✓	Instability Thresholds in Dragon	May 1960	
✓ DP Memo 20 ✓	A Preliminary Design Proposal for the Main Fission Product Delay Units	May 1960	
✓ DP Memo 21 ✓	Primary Gas Circuit Design for High Temperature Reactors	June 1960	
✓ DP Memo 28 ✓	Fission Product Deposition in a By-Pass Stream of the Main Cooling Circuit of Dragon	Aug. 1960	
✓ DP Memo 29 ✓	A Proposed Steel Irradiation Monitoring Programme for the Dragon Reactor	Aug. 1960	
✓ DP Memo 30 ✓	Some Tentative Proposals for Leak Testing with Particular Reference to the Test Pressure Vessel	Aug. 1960	
✓ DP Memo 30, Addendum 1 ✓	As above	Oct. 1960	
✓ DP Memo 32 ✓	The Effects of Chemical Reactions on Heat Transfer in the Dragon Reactor	Sept. 1960	
✓ DP Memo 33 ✓	Symposium on Fuel Element Fabrication with Special Emphasis on Cladding Materials	Sept. 1960	
✓ DP Memo 34 ✓	Comparison between the Processes Used at Saclay and at Harwell for the preparation of Uranium Powder	Sept. 1960	
✓ DP Memo 36 ✓	Problems Associated with the Removal of Fuel Elements from the Reactor	Sept. 1960	
✓ DP Memo 37 ✓	The Determination of the Velocity of Sound Waves in Materials	Oct. 1960	
✓ DP Memo 39 ✓	Thermal Conductivity Measurement of Dragon Type Graphite. A Survey of the Methods Being Used	Oct. 1960	

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✓ DP Memo 41 ✓	A Possible Device for Detecting Helium in the Secondary Circuit	Oct. 1960	Box #56
✓ DP Memo 42 ✓	On the Basic Scientific Approach to the Lubricating Characteristics of Molybdenum Disulphide in Dragon	Oct. 1960	
✓ DP Report 1 ✓	Development of the Design of the High Temperature Gas Cooled Reactor Experiment	Jan. 1960	Box #57
✓ DP Report 2 ✓	Dragon Project Graphite Symposium	Feb. 1960	
✓ DP Report 4 ✓	Preliminary Safety Evaluation of the Dragon Reactor Experiment	Apr. 1960	
✓ DP Report 5 ✓	Elastic Properties of Graphite	Oct. 1960	
✓ DP Report 6 ✓	Preliminary Shielding Report for the Dragon Reactor Experiment	Nov. 1960	
✓ DP Report 7 ✓	On the Possibility of Removing Hydrogen from the Dragon Coolant by Diffusion Through a Palladium Membrane	Nov. 1960	
✓ DP Report 8 ✓	Some Experiments on Combined Dust Filter and Restrictor Units for the Dragon Fuel Element Purge System	Nov. 1960	
✓ DP Report 9 ✓	The Distribution of Fission Products in the Dragon Reactor Experiment	Nov. 1960	
✓ DP Report 10 ✓	A Program for High Temperature Reactor Kinetic Calculations on the Ferranti Mercury Computer	Dec. 1960	
✓ DP Report 11 ✓	High Temperature Heat Transfer Circular Channel Experiment Introduction and Rig Calibration	Dec. 1960	
✓ DP Report 12 ✓	Problems Associated With the Penetration of Noble Gases Through Graphite	Jan. 61	
✓ DP Report 13 ✓	The Oxidation of Solid Fission Products in the Helium Purge Flow	Jan. 1961	
✓ DP Report 15 ✓	The Control of the Dragon Reactor Experiment at Low Power Levels	Jan. 1961	
✓ DP Report 16 ✓	Bibliographic Study of Oxidation of Carbon	Feb. 1961	
✓ DP Report 17 ✓	On the Stability of Flat Plates Under the Influence of Coolant Flow	Feb. 1961	
✓ DP Report 18 ✓	An Experimental Investigation Into the Heat Transfer Characteristics of a Delay Bed Using Cross-Flow Cooling	Jan. 1961	
✓ DP Report 20 ✓	Fission Product Deposition in Dragon Under Normal Operations	Mar. 1961	



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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ DP Report 21 ✓	The Single Channel Low Temperature Heat Transfer Rig Design, Construction and Commissioning	Apr. 1961	<p><i>Bolt #57</i></p> <p><i>AS</i></p>
✓ DP Report 22 ✓	Thermal Conductivity Measurement of Dragon Type Graphite-A Survey of the Methods Being Used	Mar. 1961	
✓ DP Report 23 ✓	Leak Testing of the Test Vessel and Experimental Gaskets at Mannesmann, Huckingen, West Germany (Part 1)	Apr. 1961	
✓ DP Report 24 ✓	Preliminary Report on Dry Bearings for the Dragon Reactor Experiment	Mar. 1961	
✓ DP Report 25 ✓	Early Work on Thermocouples to Measure Graphite Temperature of 800°C and Higher	May 1961	
✓ DP Report 26 ✓	Some Aspects of the Construction and Siting of Gas-Cooled Reactors	Mar. 1961	
✓ DP Report 27 ✓	An Appraisal of Zirconium as a Brazing Medium for Fuel Boxes	Apr. 1961	
✓ DP Report 28 ✓	The Leak-Tightness of Demountable Flange Assemblies Using Soft Iron Gaskets	Apr. 1961	
✓ DP Report 29 ✓	Fabrication of Components for Thorium Doppler Coefficient Measurements in the General Atomic Critical Assembly	May 1961	
✓ DP Report 31 ✓	Papers and Summary of Discussion of Meeting on Post Irradiation Examination and Radiochemical Analysis	March 1961	
✓ DP Report 32 ✓	The Measurement of Prompt Neutron Lifetime by the Perturbation Technique Theory and Application to the Zenith Reactor	May 1961	
✓ DP Report 33 ✓ (Revised)	High Temperature Annulus Rig Experiment	May 1961	
✓ DP Report 34 ✓	Research and Development Division First Semi-Annual Report	June 1961	
✓ DP Report 35 ✓	A New Method to Measure the Concentration of Charcoal Dust in an Air Stream	June 1961	
✓ DP Report 36 ✓	The Corrosion of Mildsteel, Stainless Steel (18 Cr-8 Ni-1Ti) and Inconel by Iodine, Tellurium, Selenium, and Antimony Vapours	May 1961	
✓ DP Report 37 ✓	A Direct Heated Graphite Corrosion Loop	June 1961	
✓ DP Report 38 ✓	Radiographic Inspection for Dragon Fuel Element Graphite	June 1961	

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✓ DP Report 39 ✓	An Iterative Solution of the Reactor Kinetic Equations for the Rod Drop and Source Jerk Experiments	June 1961	<i>Box # 57</i>  
✓ DP Report 40 ✓	The Development of Low Permeability Graphite for the Dragon Reactor Experiment	June 1961	
✓ DP Report 41 ✓	Some Quantitative Remarks on Leak Rate Measurements	Aug. 1961	
✓ DP Report 42 ✓	Pressure Drop in Charcoal Beds	July 1961	
✓ DP Report 43 ✓	Concrete as a Constructional Material for the Dragon Project	July 1961	
✓ DP Report 44 ✓	Leak Testing of the Test Vessel and Experimental Gaskets at Mannesmann, Huckingen, West Germany (Part 2)	July 1961	
✓ DP Report 45 ✓	Preparation of Capsule for Irradiation in the Hawker Siddeley Core Replacement Rig in Risø, Denmark	Nov. 1961	
✓ DP Report 46 ✓	The Purification of Helium in High Temperature Reactors	July 1961	
✓ DP Report 47 ✓	The Manufacture and Pore Properties of a Series of Fine-Grained Graphites	July 1961	
✓ DP Report 48 ✓	The Adsorption of Helium on Coconut Charcoal at 196°C. and at Pressures Between 1 and 23 Atmospheres	July 1961	
✓ DP Report 49 ✓	Preliminary Report on Stack Wind Tunnel Tests	Aug. 1961	
✓ DP Report 50 ✓	Heating Experiment with Bolt for the Pressure Vessel Main Flange	Aug. 1961	
✓ DP Report 51 ✓	The Selection of Greases for the Lubrication of Bearings in the Dragon Reactor	Sept. 1961	
✓ DP Report 52 ✓	Methods of Helium Purification	Sept. 1961	
✓ DP Report 53 ✓	Description of a One Dimensional Two Group Burn Up Programme for the Mercury Computer	Sept. 1961	
✓ DP Report 54 ✓	Approximate Heat Transfer and Pressure Drop Characteristics of a Dragon Channel	Sept. 1961	
✓ DP Report 55 ✓	Heat Transfer Analysis and Early "Out of Pile" Test Results on Pluto Loop "A"	Oct. 1961	
✓ DP Report 56 ✓	Forming of Refractory Spheroids by Plasma Jet and the Development of a Plasma Furnace (Part 1)	Oct. 1961	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ DP Report 58 ✓	The Variation of Helium Temperature in the Dragon Reactor After Loss of Electrical Supply	Oct. 1961	<i>Box 57</i> <i>W. S. ...</i> <i>H. ...</i>
✓ DP Report 60 ✓	"Stewpot" A43-Group Code for Calculation of Neutron Spectra and Multi-Group Constants	Jan. 1962	
✓ DP Report 61 ✓	Determination of the Flux Distribution Produced by a Source in an Undercritical Reactor	Oct. 1961	
✓ DP Report 62 ✓	Skinner Valve Leak Tests	Oct. 1961	
✓ DP Report 63 ✓	Engineering Aspects of the Dragon Reactor Experiment	Nov. 1961	
✓ DP Report 64 ✓	Permeability and Pressure Tests on the Dragon Fuel Box	Nov. 1961	
✓ DP Report 65 ✓	Post Irradiation Dissection and Examination Procedure for Risø Core Replacement Rig Capsule No. 1	Nov. 1961	
✓ DP Report 66 ✓	Leak Testing of the Test Vessel and Experimental Gaskets at Mannesmann, Huckingen, West Germany (Part 3, Final)	Nov. 1961	
✓ DP Report 67 ✓	The Use of Molybdenum Disilicide as a Brazing Medium for Fuel Boxes	Nov. 1961	
✓ DP Report 68 ✓	Code of Practice for Cleaning and Corrosion Protection of Heat Disposal and Auxiliary Circuits of the Dragon Reactor	Nov. 1961	
✓ DP Report 69 ✓	The Present Status of the System Uranium - Thorium - Carbon	Nov. 1961	
✓ DP Report 70 ✓	The Effect of a Fine Hole on the Characteristics of the Dragon Fuel Box	Dec. 1961	
✓ DP Report 71 ✓	Development of Apparatus and Techniques for the Measurement of Spectral Emissivities with some Preliminary Data on Nickel, NiO, and Prysta Stainless Steel	Dec. 1961	
✓ DP Report 72 ✓	Literature Survey on Carbon Deposition from Carbon Monoxide	Dec. 1961	
✓ DP Report 73 ✓	Reaction of "Conventional" Dragon Fuel Inserts in the Heat Treated Condition with Moisture	Dec. 1961	
✓ DP Report 74 ✓	A One Dimensional Analytical Six Group Criticality Programme	Feb. 1962	

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
✓ DP Report 75 ✓	Research and Development Division Second Semi-Annual Report	Feb. 1962	Bul # 57
✓ DP Report 76 ✓	Research and Development Aspects of the Dragon Reactor Experiment	Dec. 1961	
✓ DP Report 77 ✓	Errors Introduced Into Thermocouple Systems by Unexpected Signals from Insulating Materials	Mar. 1962	
✓ DP Report 78 ✓	Some Tests on P.T.F.E. Valve Seats	Mar. 1962	
✓ DP Report 79 ✓	Progress in the Chemistry and Chemical Engineering Branch of the Research and Development Division	Mar. 1962	
P Report 81 ✓	The Influence of Fuel Box Permeability on Fission Product Heating in the Dragon Purge Stream and Fission Product Plant	Feb. 1962	
✓ DP Report 82 ✓	Calculations on the Zenith Reactor	Jan. 1962	
✓ DP Report 83 ✓	Chemistry and Chemical Engineering Applied in High Temperature Gas Cooled Nuclear Reactors	Feb. 1962	
✓ DP Report 84 ✓	The Measurement of High Temperatures by the Determination of the Velocity of Sound Waves in Materials	Jan. 1962	
✓ DP Report 85 ✓	Adsorption Errors in the Sampling of Gases	Jan. 1962	
✓ DP Report 86 ✓	A Robust Flowmeter for the Measurement of Very Small Flows	Apr. 1962	
✓ DP Report 87 ✓	Project Dragon	Mar. 1962	
✓ DP Report 88 ✓	Local Heat Transfer and Average Friction Coefficients for Subsonic Laminar, Transitional and Turbulent Flow of Air in a Tube at High Temperature	Mar. 1962	
✓ DP Report 89 ✓	Experiments on Separation Procedure for Krypton and Xenon in Connection with Pluto Loop Radiochemical Sampling	Apr. 1962	
✓ DP Report 90 ✓	Tests on Absorber Rods Control Mechanism	May 1962	
✓ DP Report 91 ✓	A Preliminary Estimate of the Physical Consequences of Using Coated Particle Fuel Inserts in the Dragon Reactor Exp.	May 1962	
✓ DP Report 92 ✓	Research and Development Div. <del>TEXT</del> Third Semi-Annual Report	May 1962	
Report 93 ✓	Fuel Element Development - Fission Product Emitting Fuel	May 1962	

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✓ DP Report 94 ✓	The Containment of High Temperature Reactors	May 1962	B0457  H-27658
✓ DP Report 95 ✓	Some Metallurgical Properties of the Dragon Reactor Pressure Vessel	May 1962	
✓ DP Report 96 ✓	The Water Flow Visualisation Rig Results Obtained on the Reactor Channel	May 1962	
✓ DP Report 97 ✓	Dimensional Behaviour of "Conventional" Dragon Fuel Inserts	May 1962	
✓ DP Report 98 ✓	Emissivity Report- Part II Measurement of Spectral Emissivity of EYX 60 Graphite	June 1962	
✓ DP Report 99 ✓	The Irradiation Programme of the Dragon High Temperature Reactor Project	June 1962	
✓ DP Report 100 ✓	Report of Working Party of Board of Management on an Extension of the Dragon Project Agreement	June 1962	
✓ DP Report 101 ✓	The Compatability of Some Gasket Materials with Mild Steel at 300°C (Ag,Al) and Stainless Steel at 450°C (Cu,Ni)	June 1962	
✓ DP Report 102 ✓	The Boiling of Liquid Nitrogen in Cylindrical Vessels	June 1962	
✓ DP Report 103 ✓	The Corrosion of Graphite in Dragon and the Depletion of Reactants	June 1962	
✓ DP Report 104 ✓	Coolant Processing in the Dragon Project	July 1962	
✓ DP Report 105 ✓	Fission Product Technology of High Temperature Reactors	Aug. 1962	
✓ DP Report 106 ✓	Skinner Valve Leak Tests	Aug. 1962	
✓ DP Report 107 ✓	The Purification of Graphite by Treatment with Halogens at Temperatures up to 1000°C	Aug 1962	
✓ DP Report 108 ✓	Oxidation of Graphite with Oxygen Between 1000°C and 2000°C	Aug. 1962	
✓ DP Report 109 ✓	A Low-Level Measurement of Kr85	Aug. 1962	
✓ DP Report 110 ✓	Temperatures in Dragon- A Programme for the Ferranti Mercury Computer	March 1963	
✓ DP Report 111 ✓	Diffusion of Gases in Graphite Pores	Aug. 1962	
✓ DP Report 112 ✓	Effect of In-Pore Diffusion on Graphite Corrosion Rate	Aug. 1962	
✓ DP Report 113 ✓	Estimate of Film Boiling Safety Margin in Dragon Primary Heat Exchanger	Oct. 1962	
✓ DP Report 114 ✓	The Role <del>of</del> of Irradiation Experiments in a Reactor Development Programme	Oct. 1962	

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<p>✓ DP Report 115 ✓                      ✓ DP Report 116 ✓                      ✓ DP Report 117 ✓                      ✓ DP Report 118 ✓                      ✓ DP Report 119 ✓                      ✓ " " 120 ✓</p>	<p>Research and Development Division                      Fourth Semi-Annual Report                      Coated Particle Fuel for the Dragon                      Reactor Experiment                      Contribution to the Study of Carbon                      Oxidation                      Tests on Stage 1 of the 37-Way Selector                      Valve Prototype                      An Apparatus for Measuring the Young's                      Modulus of Full Size Dragon Graphite Fuel                      Tubes Using a Non-Destructive Method</p>	<p>Nov. 1962                      Oct. 1962                      Nov. 1962                      Nov. 1962                      Nov. 1962                      Nov. 1962</p>	<p><i>Bolt # 57</i></p>
<p>✓ DP Report 121 ✓                      ✓ DP Report 122 ✓                      ✓ DP Report 124 ✓                      ✓ DP Report 125 ✓                      ✓ DP Report 126 ✓                      Part 1                      ✓ DP Report 126 ✓                      Part II                      ✓ DP Report 127 ✓                      Part I                      ✓ DP Report 127 ✓                      Part II                      ✓ DP Report 128 ✓                      ✓ DP Report 129 ✓                      ✓ DP Report 130 ✓                      ✓ DP Report 131 ✓                      ✓ DP Report 132 ✓                      ✓ DP Report 133 ✓                      ✓ DP Report 134 ✓</p>	<p>Preliminary Report on the Safety Aspects                      of Pressure Relief of the Secondary                      Circuit in the Heat Disposal System                      Absorber Rod Control Circuit                      Das Warmeabfuhrsystem Des-O.E.C.D.                      Hochtemperatur-Reaktors Dragon                      A Power Connector for the Graphite                      Heaters in the Seven Element Experiment                      The Dragon Freezer - A Theoretical                      Investigation of the Heat Transfer                      Performance                      The Dragon Freezer - Experimental Heat                      Transfer and Friction Results for                      Single Elements                      The Preparation of High Density Graphite                      Using Carbon Black                      Preparation of High Density Graphite                      Using Carbon Black                      The Dragon Project Engineering Programme                      Some Engineering Problems Associated With                      the Dragon Project Experiment                      The Corrosion of Graphite in an HTGR                      The Irradiation Programme-Review of                      Results                      Phase Equilibrium and Thermodynamic                      Studies of Carbide Systems Related to                      High Temperature Reactors                      A Basic Study of the Thorium-Uranium-                      Carbon System                      Development Work on Carbide Fuel                      Particles</p>	<p>Nov. 1962                      Oct. 1963                      Jan. 1963                      Nov. 1962                      Jan. 1963                      Feb. 1963                      Jan. 1963                      Jan. 1963                      Dec. 1962                      Dec. 1962                      Jan. 1963                      Jan. 1963                      Jan. 1963                      Jan. 1963                      Jan. 1963</p>	<p><i>Bolt # 58</i></p> <p><i># 576518</i></p>

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
✓ DP Report 136 ✓	Post-Irradiation Radiochemical Analytical Studies on Dragon Loops at AERE, Harwell, Dec. 1962	Jan. 1963	Box # 58
✓ DP Report 137 ✓	Some Measurements of the Diffusion of U-235 Fission Products and Pa-233 From 'Coated' Fuels - Dec. 1962	Jan. 1963	
✓ DP Report 138 ✓	Evaluation Studies on Coated Fuel Particles at S.G.A.E., Siebersdorf	Jan. 1963	
✓ DP Report 139 ✓	Studies on Coated Particle Fuel Involving Coating, Consolidation and Evaluation	Jan. 1963	
✓ DP Report 140 ✓	Development of Production Scale Procedures for Coating Fuel Particles	Jan. 1963	
✓ DP Report 141 ✓	The Design of the Dragon First Charge Fuel Elements	Jan. 1963	
✓ DP Report 142 ✓	Tentative Proposals for the Quality Control, Inspection and Testing of Production Fuel Elements for the Dragon Reactor Experiment	Jan. 1963	
✓ DP Report 143 ✓	Applications of X-Ray Microanalysis and X-Ray Projection Microradiography to the Study of High Temperature Reactor Fuels	Jan. 1963	
✓ DP Report 144 ✓	Progress Report on HTGC Pluto Loop Irradiations II and III	Jan. 1963	
✓ DP Report 145 ✓	Design Principles for Control Mechanisms	March 1963	
✓ DP Report 146 ✓	The Fuel Element Graphite	Jan. 1963	
✓ DP Report 147 ✓	Forming of Refractory Spheroids-Part II	Jan. 1963	
✓ DP Report 148 ✓	The Development of the Plasma ARC Furnace for Fuel Melting	Jan. 1963	
✓ DP Report 149 ✓	Fabrication of Spheroidized Particles by the Powder Metallurgy Agglomeration Process	Jan. 1963	
✓ DP Report 150 ✓	The Fuel Element Programme	Jan. 1963	
✓ DP Report 151 ✓ Part 1	Development of Coated Particle Fuel Part I: The Fissile Fertile Particle	Jan. 1963	
✓ DP Report 151 ✓	Development of Coated Particle Fuel Part II: Coating and Consolidation	Jan. 1963	
✓ DP Report 152 ✓	Fuel Element Production	Jan. 1963	
✓ DP Report 153 ✓	Evaluation Studies of Coated Particle Fuel Within the Project	Jan. 1963	
✓ DP Report 154 ✓	Leak Testing the Dragon Reactor Pressure Vessel	Jan. 1963	
✓ DP Report 155 ✓	Representation of the Neutron Spectrum by an Analytical Expression and Its	March 1963	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ DP Report 156 ✓	A Comparison of Codes for Spectrum and Reactivity Calculations	Feb. 1963	<p>Box # 58</p> <p><del>H-316-18</del></p> <p><del>H-316-18</del></p>
✓ DP Report 158 ✓	The Present Position of Reactor Kinetic Studies on the Dragon Reactor Experiment	Feb. 1963	
✓ DP Report 159 ✓	The Significance of the Buckling for the Spectrum and the Group Cross Sections	April 1963	
✓ DP Report 163 ✓	Bearings and Gears for Operation in Inert Gases	March 1963	
✓ DP Report 165 ✓	Research and Development Division Fifth Semi-Annual Report	May 1963	
✓ DP Report 168 ✓	Equipment for the Reactor Physics Experimental Programme in the Dragon Reactor	March 1963	
✓ DP Report 169 ✓	An Apparatus to Measure the Effects of Irradiation on the Thermal Conductivity of Dragon Type Fuel Tubes	March 1963	
✓ DP Report 170 ✓	Proposals for Transfer Function Measurements on the Dragon Reactor Experiment	April 1963	
✓ DP Report 171 ✓	Simplified Calculations of Different Dragon Power Transfer Functions	March 1963	
✓ DP Report 172 ✓	MUPO - An IBM-7090 Programme to Calculate Neutron Spectra and Multi-Group Constants	April 1963	
✓ DP Report 173 ✓	Burn-Up Assessments for a Land Based Power Reactor	April 1963	
✓ DP Report 174 ✓	Dragon Reactor Automatic Control	April 1963	
✓ DP Report 175 ✓	Progress in Shielding Design in the Dragon Project	April 1963	
✓ DP Report 176 ✓	Lifetime Optimisation of a Core Suitable for Long Term Irradiation Experiments	April 1963	
✓ DP Report 177 ✓	The First Loading of the Dragon Reactor Experiment	April 1963	
✓ DP Report 178 ✓	Control Rod Calculations for the Dragon Reactor Experiment	April 1963	
✓ DP Report 179 ✓	Power Distribution and Core Temperatures in the Dragon Reactor Experiment	April 1963	
✓ DP Report 180 ✓	Thorium Resonance Absorption in the Fuel Elements of the Dragon Reactor Experiments	April 1963	
✓ DP Report 181 ✓	New Calculations on the Second Loading of the Zenith Reactor	April 1963	
✓ DP Report 182 ✓	Thermal Conductivities of Some High Temperature Materials	April 1963	



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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ DP Report 183	A Review of the Activities of the Dragon Heat Transfer and Gas Dynamics Group	Apr. 1963	<p>Box # 58</p> <p style="font-size: 2em; transform: rotate(-90deg);">H. B. K. S.</p>
✓ DP Report 184	Experimental Local Heat Transfer and Friction Coefficients for Sub-Sonic Laminar Transitional and Turbulent Flow of Air or Helium in a Tube at High Temperature	April 1963	
✓ DP Report 185	High Temperature Convective Heat Transfer in an Annulus	April 1963	
✓ DP Report 186	The Effect of Geometry on Convective Heat Transfer in the Dragon Channel	April 1963	
✓ DP Report 187	Thermal Emissivity of Some High Temperature Materials	April 1963	
✓ DP Report 188	Experiments on Leak Rate and Back Diffusion Characteristics of the Fuel Element	April 1963	
✓ DP Report 189	The Feasibility of Using Molecular Sieve $\text{4A}$ Pellets for the Removal of $\text{CO}_2$ and $\text{H}_2\text{O}$ - Vapour from an HTGR Purge	April 1963	
✓ DP Report 190	Reactor Physics and Heat Transfer Work in the Dragon Project	April 1963	
✓ DP Report 191	A Nozzle Thermocouple for Measurements in High Temperature Gases	April 1963	
✓ DP Report 192	Comparative Evaluation of Temperature Distribution	April 1963	
✓ DP Report 193	Desorption of Water by Charcoal	June 1963	
✓ DP Report 194	A Non-Destructive Method for the Determination of the Uranium and Thorium Content of Powders, Coated Fuel Particles and Fuel Cartridges	Oct. 1963	
✓ DP Report 195	Experimental Work Carried Out on Dragon Heat Exchanger Test Flange Assembly	June 1963	
✓ DP Report 196	Proceedings of the Dragon Project Fuel Element Symposium Held at Bourne Hall Hotel, Bournemouth, Jan. 1963	June 1963	
✓ DP Report 197	Flanged Joints for Dragon Primary Circuit - Preliminary Report	June 1963	
✓ DP Report 198	Electron Beam Welding Experiments for Bursting Disc Assemblies	June 1963	
✓ DP Report 199	Pressure Drop Characteristics of the Seven Element Rig	July 1963	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ DP Report 200 ✓	Survey of Important Design Parameters for the Dragon Heat Disposal Circuits	July 1963	<p>Box # 5-8</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">A376M</p>
✓ DP Report 201 ✓	Helium Leak Testing Techniques: Containment of Helium Escaping from Leaks by Polythene Sheets	July 1963	
✓ DP Report 202 ✓ Part I	Exp. Measurements of Some of the Properties of Irradiated and Unirradiated Elastomers Part I-The Study of the Porosity to Helium of Some Unirradiated Elastomer O-Rings Under Varying Temperature Conditions	July 1963	
✓ DP Report 202 ✓ Part II	Part II-The Measurement of Irradiation Effects on the Mechanical Properties of Some Elastomers	July 1963	
✓ DP Report 203 ✓	MAFIA-A One-Dimensional Burn-Up Code	July 1963	
✓ DP Report 204 ✓	Preconcentration of Impurities in the Dragon Purge Flow by Thermal Diffusion	July 1963	
✓ DP Report 205 ✓	Kinetic Measurements of the Reaction of Carbon with Carbon Dioxide in a Differential Reactor	Aug. 1963	
✓ DP Report 206 ✓	Leakage and Stiffness Measurements Made on Manhole Flange and Cover Test Assembly	Aug. 1963	
✓ DP Report 207 ✓ Part I	Radiochemical Analysis of Fission Products in the Dragon Reactor-Part I-Design and Operation of the System	Aug. 1963	
✓ DP Report 207 ✓ Part II	Part II-Experience of Fission Product Analysis on HTGC Pluto Loop at Harwell	Aug. 1963	
✓ DP Report 210 ✓	Multiplication Factor Definitions Theory and Experiment	Sept. 1963	
✓ DP Report 211 ✓	Burn-Up in a Large High Temperature Gas Cooled Reactor	Aug. 1963	
✓ DP Report 213 ✓	A Study on the Trapping of Iodine at High Temperatures on Activated Charcoal	Sept. 1963	
✓ DP Report 214 ✓ Part I	Preparation and Evaluation of Fission Product Retaining Fuel for the IIIA Charge of the Pluto Loop - Part I-Preparation of Fuel	Sept. 1963	
✓ DP Report 215 ✓	The Application of X-Ray Projection Microscopy to the Quality Control and Inspection of Coated Particle Fuels for the Dragon Reactor Experiment	Sept. 1963	
✓ DP Report 216 ✓	The Design and Operation of the Inner Reflector of the Dragon Reactor	Sept. 1963	

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✓ DP Report 217 ✓	Design Features and Test Results of the Main Circulators for the Dragon Reactor	Oct. 1963	<i>Box # 58</i>  <i>AS 26-1A</i>
✓ DP Report 218 ✓	Remote Controlled Viewing for the Dragon Reactor Main Pressure Vessel	Oct. 1963	
✓ DP Report 219 ✓	The Steel and Concrete Containment Buildings for the Dragon Reactor	Oct. 1963	
✓ DP Report 220 ✓	The Installed Leak Detection System of the Dragon Reactor Experiment	Oct. 1963	
✓ DP Report 221 ✓	Electrical Aspects of the Dragon Reactor	Oct. 1963	
✓ DP Report 222 ✓	Experimental Work on Gaseous and Boiling Heat Transfer Associated with the Design of the Dragon Primary Heat Exchangers and Some Aspects of Their Manufacture	Oct. 1963	
✓ DP Report 223 ✓	Secondary Circuit Quench Tanks for the Dragon Reactor	Oct. 1963	
✓ DP Report 224 ✓	Hysteresis Clutch Drive Units	Oct. 1963	
✓ DP Report 225 ✓	Dragon Project Helium Leak Testing	Oct. 1963	
✓ DP Report 226 ✓	Erection of Reactor Primary Circuit	Oct. 1963	
✓ DP Report 227 ✓	The Irradiation Behaviour of Coated Particle Fuel	Oct. 1963	
✓ DP Report 228 ✓	The Fission Product Delay Beds for the Dragon Reactor Experiment	Oct. 1963	
✓ DP Report 229 ✓	The Primary Circuit Gas Bearing Circulators for the Dragon Reactor Experiment	Oct. 1963	
✓ DP Report 230 ✓	The Charge/Discharge Machine for the Dragon Reactor Experiment	Oct. 1963	
✓ DP Report 231 ✓	Reactor Control and Instrumentation	Oct. 1963	
✓ DP Report 232 ✓	Thermocouple Connector Life Test- Part I	Oct. 1963	
✓ DP Report 233 ✓	Behaviour of Coated Particles Subjected to Acid Leaching and Thermal Shock Tests	Oct. 1963	
✓ DP Report 234 ✓	Dry Friction in Gas Bearings and Shaft Seals	Oct. 1963	
✓ DP Report 235 ✓	Research and Development Division Sixth Semi-Annual Report	Nov. 1963	
✓ DP Report 240 ✓	The Role of Gas Bearing Circulators In the Dragon Reactor	Oct. 1963	
✓ DP Report 243 ✓	The Powder Metallurgy Agglomeration Method for Fabrication of Carbide Spherical Particles	Nov. 1963	
✓ DPRDD/70 ✓	Measurements of Zenith Temperature Coefficients		

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✓DPRDD/72 ✓	Experiments on Core Control Rods in Zenith		<i>Box # 58</i>  <i>W. E. H.</i>
✓DPRDD/73 ✓	Research and Development on Graphite Manufacture for the Dragon Reactor Experiment During the Period April-October, 1960		
✓DPRDD/88 ✓	A Proposed Fuel Element Programme for the First Charge		
✓DPRDD/96 ✓	Low Permeability Graphite-Contract No. CON/WIN/5517		
✓DPRDD/145 ✓ ✓DPRDD/199 ✓	Seven Element Experiment Commissioning Reaction of Gaseous Impurities With Porous Graphite With a Linear Temperature Gradient		
✓DPRDD/291 ✓ ✓DPRDD/382 ✓ ✓DPRDD/385 ✓	Tests with the German SKF Ball Bearings Coolant Processing Laboratory Scale Behaviour of Lubricated Ball Bearings in Dry Helium and Dry Hydrogen		
✓DPRDD/445 ✓ ✓DPRDD/477 ✓	Tests With Ball Castors Testing of the Bronze Impregnated Ringsdorff Graphites		
✓DPRDD/504 ✓ ✓DPRDD/579 ✓	Coolant Processing Laboratory Scale-Prog. Rpt. Coolant Processing Laboratory Scale-Prog. Rpt.		
✓DPRDD/580 ✓	Coolant Processing Laboratory Scale-Prog. Rpt.		
✓DPRDD/620 ✓	The Effect of Fast Neutron Irradiation of the Dimensions and Compressive Strength of Impregnated EYX 60 Graphite		
✓DPRDD/634 ✓	Progress Rpt.-Coolant Processing-Technical Scale		
✓DPRDD/726 ✓	Progress Rpt. - Coolant Processing (Technical Scale)		
✓DPRDD/746 ✓	Progress Rpt. - Coolant Processing Technical Scale		
✓DPRDD/747 ✓	The Performance of the 'Hot Section' of the Dragon Helium Purification Pilot Plant (Series I-IV Runs) for the Oxidation of CO, H <sub>2</sub> and CH <sub>4</sub>		
✓DPRDD/748 ✓	The Performance of the Dragon Freezer of the Helium Purification Pilot Plant (Series I-IV Runs) for the Removal of H <sub>2</sub> O and CO <sub>2</sub>		

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<ul style="list-style-type: none"> <li>✓ DPRDD/758</li> <li>✓ DPRDD/762</li> <li>✓ DPRDD/812</li> <li>✓ DPRDD/816</li> <li>✓ DPRDD/848</li> </ul>	<ul style="list-style-type: none"> <li>Oxidation of H<sub>2</sub>, CO and Hydrocarbons Prog. Rpt. for Nov./Dec. 1962</li> <li>Progress Report - Coolant Processing Laboratory Scale</li> <li>Progress Rpt., Coolant Processing- Technical Scale</li> <li>Progress Rpt., Coolant Processing Laboratory Scale</li> <li>Progress Rpt., Coolant Processing - Technical Scale</li> </ul>	<p style="text-align: center;">Bolt # 58</p>	
<ul style="list-style-type: none"> <li>✓ DPS1 - Issue 2</li> <li>✓ DPS1 - Issue 2 Addendum VIII</li> <li>✓ DPS1 - Issue 2 Addendum VII</li> <li>✓ DPS4 - Issue 2</li> <li>✓ DPS5 - Issue 2 &amp; Addendum 2</li> <li>✓ DPS9 - Issue 2</li> <li>✓ DPS 46-Issue 1</li> <li>✓ DW(61)13</li> <li>✓ DW(61)27</li> <li>✓ DW(61)28</li> <li>✓ DW(61)35</li> <li>✓ DW(61)36</li> <li>✓ GEC Rpt. No. 474</li> <li>✓ GEC Rpt. No. 621</li> </ul>	<ul style="list-style-type: none"> <li>Dragon Project-20MW Reactor Experiment Design and Construction Specification <del>XXXX</del> 1960</li> <li>Dragon Project-Test Vessel Experimental Programme Specification Oct. 60</li> <li>Schedule of Irradiation Monitoring Specimens for Dragon Reactor Pressure Vessel Oct. 1960</li> <li>Design and Manufacture Specification for Primary Heat Exchangers Jan. 1961</li> <li>Specification for Supply of Primary Gas Circulators Nov. 1960</li> <li>Design and Construction Specifications for the Dragon Helium Purification Pilot Plant Jan. 1961</li> <li>Specification for Design and Manufacture of 37-Way Valve Selector Unit Dec. 1960</li> <li>Experiments on Separation Procedure for Krypton and Xenon in Connection with Pluto Loop Radiochemical Sampling Dec. 1961</li> <li>Summing-Up of Present Position on Coated Particles</li> <li>The Present State of Knowledge of Diffusion Rates for Fission Products in Graphite and Pyrocarbons</li> <li>Preliminary Report of Work on Low Temperature Adsorption of Gases on Charcoal</li> <li>Competitive Adsorption of CO and Kr on Charcoal</li> <li>Thermal Radiation From AGR Rod Cluster to Graphite Sleeve July 1961</li> <li>The Oxidation of AGR Beryllium May 1962</li> </ul>	<p style="text-align: center;">Bolt # 59</p> <p style="text-align: center; font-size: 2em; font-weight: bold;">ASX</p>	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓GEC 12928C ✓	An X-Ray Investigation of Graphitised R-Cokes: Preliminary $L_c$ and $p$ Measurements	Jan. 1958	Bolt # 59
✓GEC 13063C ✓	An X-Ray Investigation of Graphitised R-Cokes: Measurement of $L_a$ and $p$	July 1958	
✓GEC 13380C ✓	Research Laboratories of GE Ltd.- The Irradiation Creep of Graphite and Carbon-An Interim Summary	July 1959	
✓GEC 13449C ✓	X-Ray Measurement of Interlayer Spacings in Irradiated Cokes	Nov. 1959	
✓GEC 13555C ✓	An X-Ray Examination of Graphitised Pitch-Petroleum Coke Artefacts: Part I. $L_c$ and $p$ Measurements	March 1960	
✓GEC 13572C ✓	An X-Ray Examination of Graphitised Pitch-Petroleum Coke Artefacts: Part II. $L_a$ and $p$ Measurements	March 1960	
✓GEC 13750C ✓	An X-Ray Measurement of the Interlayer Spacings of a Series of Heat Treated Artefacts	Nov. 1960	
✓GEC 13891C ✓	An X-Ray Examination of Graphitized Pitch Petroleum Artefacts: Part IIIa $L_c$ , $L_a$ and $d$ -Spacing Measurements on the Pitch/Petroleum Coke Constituents	May 1961	
✓GEC 13898C ✓	An X-Ray Examination of Graphitized Pitch Petroleum Coke Artefacts Part IIIb	May 1961	
✓GEC 14003C ✓	Gas Chromatographic Analysis in the Study of the Reaction Between Carbon and Carbon Dioxide	Oct. 1961	
✓GEC 14097C ✓	A Re-Evaluation of Measured Crystal Parameters of Heat-Treated Petroleum Cokes, Pitch Cokes, and Coke Artefacts	Dec. 1961	
✓GEC 14098C ✓	An X-Ray Examination of Graphitized Pitch-Petroleum Coke and Pitch-Pitch Coke Artefacts	Dec. 1961	
✓HRSCC/S16 ✓	The Zenith Exponential Experiment	Oct. 1958	
✓HTGC Memo No. 10 ✓	The Oxidation of Graphite in Air in the Temperature Range 700-1150°C	Nov. 1957	
✓HTGC Memo 32 ✓	Long Term Reactivity Changes in HTGC Systems	July 1957	
✓HTR/PWP/P13 ✓	A Proposed Method for Measuring the Conversion Ratio in Zenith	Feb. 1959	
✓HTR/PWP/P14 ✓	Thermalisation Effects in High Temperature Gas Cooled Reactors Fuelled with Plutonium 239	May 1959	

HTR/PWP/P14



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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ IGR-TN/R-1011 ✓	A Preliminary Investigation Into the Control Characteristics of the Advanced Gas-Cooled Reactor On An Analogue Computer	1958	Box # 59
✓ IGR-TN/W 287 ✓	The Calibration of the Control Rods of the Calder Reactors	Feb. 1956	
✓ IGR-TN/W 404 ✓	The Loading to Criticality of the First Calder Reactor and the Measurement of the Lattice Constants	Nov. 1956	
✓ IGR-TN/W 413 ✓	The Calibration of the Control Rods of the First Calder Reactor	Dec. 1956	
✓ IGR-TN/W 558 ✓	The Calibration of the Control Rods of the Second Calder Reactor	April 1957	
✓ IGR-TN/W 620 ✓	Thermal and Irradiation Annealing of Reactor Graphite	July 1957	
✓ IGR-TN/W 812 ✓	Heat Transfer From Fuel to Can in AGR Fuel Elements	Jan. 1958	
✓ IGR-TN/W 832 ✓	Heat Transfer in Channels Composed of Rough and Smooth Surfaces	1958	
✓ IGR-TN/W 863 ✓	Experimental Measurements on the Temperature Coefficients of the Calder Reactors	March 1958	
✓ IGR-TN/W 984 ✓	Experimental Programme on Heat Transfer From Fuel to Can in AGR	1958	
✓ IGT-R-20 ✓	The Commissioning and Operational Experience of the Calder Hall Reactors	Oct. 1957	
✓ NPCC/AGR/Symposium/P3 ✓	The Windscale AGR -Commissioning of the Plant	July 1962	
✓ NPCC/AGR/Symposium/P4 ✓	Planned Utilization of the Windscale AGR	July 1962	
✓ NPCC/AGR/Symposium/P5 ✓	Heat Transfer Work of AGR Fuel Elements	July 1962	
✓ NPCC/FEWP/P568 ✓	The Sintering of Uranium Oxide and the Factors Controlling Gas Release From It	Oct. 1960	
✓ NPCC/P101 ✓	Civil AGR Assessment		
✓ NPCC/FEWP/P1031 ✓	The Oxidation of Beryllium	May 1962	
✓ P13012/59 ✓	Improvements in or Relating to Cooling Means for Instruments	Nov. 1960	
✓ NPCC/RFWP/256 ✓	Reactivity Scales for Varying Irradiations and Temperatures	Mar. 1960	
✓ G Memorandum 88v (CR)	Maintenance & Engineering Work During Reactor Recharges at Calder Works	Jan. 1960	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ PG Memo 89(CR) ✓	The Maintenance of Clean Conditions During the Construction and Commissioning of the Advanced Gas-Cooled Reactor	Dec. 1959	<p>Box # 59</p> <p style="font-size: 2em; transform: rotate(-90deg);">25-918-H</p>
✓ PG Memo 108(W) ✓	A Preliminary Assessment of Probable Analytical Requirements for the Advanced Gas Cooled Reactor	Jan. 1960	
✓ PG Memo 120(W) ✓	Provisional Commissioning Programme for the Advanced Gas Cooled Reactor and Associated Turbo-Alternator	Feb. 1960	
✓ PG Memo 209(CC) ✓	Estimation of Reactivity held by Control Rods using Subcritical Count Rate Data Obtained During Initial Fuel Loading	Aug. 1960	
✓ PG Memo 211(W) ✓	Operational Appraisal of Loading to Critical Experiments in the Small Core and Loading to Full Size of AGR	June 1960	
✓ PG Memo 212(W) ✓	Provisional Commissioning Programme for the Advanced Gas Cooled Reactor Loop Circuits-First Issue	June 1960	
✓ PG Memo 229(W) ✓	Prototype Trials on the Can Failure Detection Gear for the Windscale AGR	July 1960	
✓ PG Memo 270(W) ✓	Temperature Fluctuations in the Windscale AGR	Aug. 1960	
✓ PG Memo 282(W) ✓	Time Estimate and Operational Aspects of Fast Neutron and Gamma Flux Measurements During the Commissioning of the AGR	Sept. 1960	
✓ PG Memo 284 ✓	Proposed Commissioning Programme for the Advanced Gas Cooled Reactor	Sept. 1960	
✓ PG Memo 287(W) ✓	Gas Circuit Conditions During the Commissioning of the AGR	Sept. 1960	
✓ PG Memo 290(W) ✓	Approach to Full Power of the AGR	Sept. 1960	
✓ PG Memo 335(W) ✓	Gas Circuit Proving Tests-AGR	Nov. 1960	
✓ PG Memo 432(W) ✓	The First Loading to Critical of the AGR	Feb. 1961	
✓ PG Memo 477(W) ✓	Proving Tests for the Gas Circuits and Associated Plant of the AGR	Apr. 1961	
✓ PG Memo 480(W) ✓	Nuclear Experiments in the Partially Loaded Core of AGR	Apr. 1961	
✓ PG Memo 496(W) ✓	The Commissioning Programme for the AGR and Associated Turbo Alternator	May 1961	
✓ PG Memo 498(W) ✓	The Loading to Full Size of AGR and Associated Nuclear Experiments	May 1961	
✓ PG Memo 503(W) ✓	AGR Loop Plant Commissioning Programme	May 1961	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<ul style="list-style-type: none"> <li>✓ PG Memo 525 (W) ✓ An Outline of the Commissioning Programme for the AGR and Associated Loops</li> <li>✓ PG Memo 538 (W) ✓ The Calibration of the AGR Control Rods at Ambient Temperature</li> <li>✓ PG Memo 553 (W) ✓ Commissioning Tests on the AGR Can Failure Detection Equipment</li> <li>✓ PG Memo 584 (W) ✓ The Filtration Efficiency Tests of the AGR Gas Cleaning Plants</li> <li>✓ PG Memo 630 (W) ✓ The Graphite Calibration Experiment During the Commissioning of AGR</li> <li>✓ PG Memo 644 (W) ✓ A Measurement of the Fuel Temperature Co-Efficient of Reactivity and of Natural Circulation in the AGR</li> <li>✓ PG Memo 672 (W) ✓ The Measurement of the Hot Rod Effect and Pile Temperature Co-Efficient of AGR</li> <li>✓ PG Memo 706 (CR) ✓ A Comparison Between Measured and Calculated Temperature Differences in Moderator Blocks of Calder Reactor 4</li> <li>✓ PG Memo 875 (CR) ✓ Mechanical Properties of Graphite Irradiated in the Calder Reactors up to March 1962</li> <li>✓ PG Memo 905 (CR) ✓ Measurements of Core Brick Growth in the Calder Reactors</li> <li>✓ PG Memo 951 (CR) ✓ Stored Energy in the Graphite of the Calder Reactors-Results to Sept. 1962</li> </ul>		<ul style="list-style-type: none"> <li>June 1961</li> <li>June 1961</li> <li>July 1961</li> <li>Aug. 1961</li> <li>Sept. 1961</li> <li>Oct. 1961</li> <li>Nov. 1961</li> <li>Dec. 1961</li> <li>June 1962</li> <li>Sept. 1962</li> <li>Oct. 1962</li> </ul>	<p><i>Box # 59</i></p> <p style="text-align: center;"><i>2537672</i></p>
<ul style="list-style-type: none"> <li>✓ PG Rpt. 158 (CC) ✓ The Calibration of the Control Rods of the Fourth Chapelcross Reactor</li> <li>✓ PG Rpt. 182 (W) ✓ Analytical Method for the Determination of Beryllium Collected on Filter Paper Using a Direct Reading Spectrometer</li> <li>✓ PG Rpt. 193 (CR) ✓ Control Rod Calibration Gradient Comparisons on Irradiated Calder Reactors</li> <li>✓ Preprint No. 1 ✓ The Development of Low Permeability Graphite</li> <li>✓ Preprint No. 2 ✓ The Use of Furfuryl Alcohol as a Bonding Agent for Low Permeability Graphite</li> <li>✓ Preprint No. 3 ✓ Graphite Brazing Techniques</li> <li>✓ Preprint No. 4 ✓ Contributions to the Development of Fine-Grain Graphite of Low Gas Permeability</li> <li>✓ Preprint No. 5 ✓ Mechanical and Physical Properties of EY9 Graphite Interim Rpt.</li> <li>✓ Preprint No. 6 ✓ Gaseous Flow Through Graphite and Its Relation to the High Temperature Reactor</li> </ul>		<ul style="list-style-type: none"> <li>1960</li> <li>1961</li> <li>1961</li> <li>Nov, 1959</li> <li>Nov. 1959</li> <li>Nov. 1959</li> <li>Nov. 1959</li> <li>Nov. 1959</li> <li>Sept. 1959</li> <li>Oct. 1959</li> </ul>	<p><i>Box # 60</i></p>

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✓ Preprint No. 7 ✓	Gaseous Fission Product Leakage	Nov. 1959	Bolt # 60
✓ Preprint No. 8 ✓	The Development and Production of Impermeable Graphite for the High Temperature Gas Cooled Reactor	Nov. 1959	
✓ Preprint No. 9 ✓	On the Transmission of Fission-Products Through "Impermeable" Graphite	Nov. 1959	
✓ Preprint No. 10 ✓	Multistage Processes Involving Gas and Liquid Impregnations	Nov. 1959	
✓ Preprint No. 11 ✓	Oxidation of Impregnated Graphite	Nov. 1959	
✓ Preprint No. 12 ✓	The Bend Strength and Young's Modulus of Impregnated Graphite	Nov. 1959	
✓ Preprint No. 13 ✓	Low Permeability Graphite-The Furfuryl Alcohol Process	Nov. 1959	
✓ Preprint No. 14 ✓	The "Gas Impregnation" of EY9 Graphite	Nov. 1959	
✓ Preprint No. 15 ✓	The Properties of EY9 Electrographite and its Derivatives	Nov. 1959	
✓ Preprint No. 16 ✓	Qualities Nouvelles De Graphite Impermeable	Nov. 1959	
✓ Preprint No. 17 ✓	Some Notes on the Industrial Production of Nuclear Graphite	Nov. 1959	
✓ Preprint No. 18 ✓	The Effect of Impregnation and Heat Treatment on the Physical Properties of Graphite	Nov. 1959	
✓ Preprint No. 19 ✓	Graphite Joints	Nov. 1959	
✓ Preprint No. 20 ✓	Some Experiments on the Pyrolytic Deposition of Carbon on Carbon Fibres and Powders	Nov. 1959	
✓ R.R. 20/1958 ✓	Design Study for an HTGC Fuel Element Test Rig for High Flux Irradiation in the Core of DIDO	July 1958	
✓ R.R. 24/1960 ✓	The Furfuryl Alcohol Process-A Review of Progress	Oct. 1960	
✓ ASPP No. 3 ✓	Natural Uranium Carbon Dioxide Cooled Graphite Moderated Nuclear Reactors Fuel Element Handling	1960	
✓ <del>ASPP No. 6</del> ✓	Natural Uranium Carbon Dioxide Cooled Graphite Moderated Nuclear Reactors Control of Procedures for the Pressure Circuit	1961	
✓ ASPP No. 7 ✓	Same as above-Operating Procedures	1961	
✓ ASPP No. 8 ✓	" - Graphite Monitoring	1961	
✓ ASPP No. 10 ✓	" - Main Heat Exchangers and Associated Feed Systems	1961	
✓ ASPP No. 14 ✓	Drives and Controls of Gas Circulators	1960	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ RSPG No. 15 ✓	Natural Uranium Carbon Dioxide Cooled Graphite Moderated Nuclear Reactors-Burst Cartridge Detection	1960	<i>Box # 60</i>  <i>ASB</i>  <i>H-216-48</i>
✓ RSPG No. 16 ✓	" -Control Elements and Their Drive Mechanisms	1961	
✓ Tech. Memo No. Met. Phys. 214 ✓	Progress Report on Furfuryl Alcohol Impregnation of EXX60 Graphite	Aug. 1960	
✓ Tech. Memo No. Met-Phys. 215 ✓	Prog. Rpt. on Uranium-Thorium-Carbon Fuels	Oct. 1960	
✓ Tech. Memo No. Met-Phys 217 ✓	Progress Report on "Powder-Cast" Carbons	Oct. 1960	
✓ TN 85/1960 ✓	The Industrial Aspects of Furfuryl Alcohol Impregnation	Oct. 1960	
✓ TN PG 23 ✓	Imperfection in Natural Graphite	Sept. 1960	
✓ TNPG 98 ✓	Permeability of Bradwell Grade A Graphite Bricks at Various Gas Pressures Interim Report	Feb. 1961	
✓ TNPG 192 ✓	An Investigation Into the Mechanical Properties of Nuclear Graphite	Sept. 1961	
✓ TNPG 260 ✓	Physics Aspects of Berkeley and Bradwell Commissioning - Part I Berkeley Small Pile Experiments	Mar. 1962	
✓ TNPG 261 ✓	Flux and Power Distributions in the Berkeley and Bradwell Reactors	Mar. 1962	
✓ TNPG 297 ✓	The Effect of Pressure and Temperature on the Permeability of Bradwell grade 'A' Graphite Moderator Bricks	July 1962	
✓ TNPG 429 ✓	Bursting Tests on Stainless Steel AGR Tubes	Nov. 1963	
✓ TRDC/P 106 ✓	The CO <sub>2</sub> Cooled Pippa Model Channel in BEPO	July 1955	
✓ TRG Memo 97(W) ✓	The Spatial Dependence of Source-Jerk Measurement	June 1961	
✓ TRG Memo 100(S) ✓	The CO <sub>2</sub> Corrosion of Beryllium Powder and Beryllium Carbide	Aug. 1961	
✓ TRG Memo 124(R) ✓	The Effect of Axial Flux Shape on the Calibration of Control Rods Using the Rod-Drop and Inverse Transfer Function Techniques	June 1961	
✓ TRG Memo 132(W) ✓	Zenon Experiments During Commissioning of the Windscale AGR	May 1961	
✓ TRG Memo 175(R) ✓	Testing of the AGR Containment	Feb. 1962	

INVENTORY OF RETIRED RECORDS

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ TRG Memo 201(W) ✓	Methods of Determining the Heat Output and Overall Heat Balance for AGR	July 1961	<p><i>Box # 60</i></p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);"><i>51-218-A</i></p>
✓ TRG Memo 204(C) ✓	The Effect of Intermittent Temperature and Stress Cycling on the Creep Behaviour of Pressure Vessel Steels	July 1961	
✓ TRG Memo 257(W) ✓	Analogue Determinations of the Total Effectiveness of Uniformly Distributed Control Rods in the Windscale AGR	July 1961	
✓ TRG Memo 262(W) ✓	Proposed Tests on AGR Feed-Water Regulators	July 1961	
✓ TRG Memo 267(CA) ✓	The Effective Coefficients of Mutual Diffusion of Two Gases in Pile Grade A Graphite	July 1961	
✓ TRG Memo 328(W) ✓	The Kinetics of Doubling Time Measurement For Control Rod Calibration	Aug. 1961	
✓ TRG Memo 335(S) ✓	Pore Size Distributions in High Density Sintered UO <sub>2</sub> Pellets	Oct. 1961	
✓ TRG Memo 348(S) ✓	The Material Properties Relevant to An Irradiation Life of AGR Fuel Elements of 24,000 MWD/tonne	Aug. 1961	
✓ TRG Memo 350(W) ✓	Preliminary Pulsed Neutron Measurements in APEX	July 1961	
✓ TRG Memo 371(W) ✓	Post-Irradiation Examination of Beryllium-Clad UO <sub>2</sub> Fuel Elements Irradiated in ORR	Aug. 1961	
✓ TRG Memo 387(C) ✓	The Effects of Neutron Irradiation at Elevated Temperatures on the Post-Irradiation Mechanical Properties of Stainless Steels	Sept. 1961	
✓ TRG Memo 448(W) ✓	The Effect of Reactor Size on the 'Hot Rod' Effect	Sept. 1961	
✓ TRG Memo 454 (R) ✓	The Thermal Performance of the Windscale Advanced Gas Cooled Reactor With A Helium Coolant	Sept. 1961	
✓ TRG Memo 456(W) ✓	The Optimisation of the Automatic Control System for the Windscale AGR with Stainless Steel Cans	Sept. 1961	
✓ TRG Memo 457(W) ✓	Frequency Response of an Analogue of the Windscale AGR Automatic Control System	Sept. 1961	
✓ TRG Memo 483(W) ✓	Fission Product Analysis of AGR Fuel	Aug. 1961	
✓ TRG Memo 516(W) ✓	Calculations of the Can "Hot Spot" Caused by Eccentric Fuel Pellets in Windscale AGR - Mark 2 Fuel Elements	Oct. 1961	
✓ TRG Memo 540(W) ✓	An Assessment of the Rod Run-In Method for Control Rod Calibration	Oct. 1961	

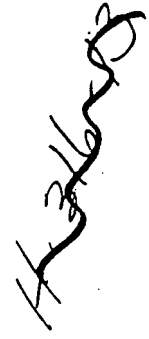
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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ TRG Memo 610(W)	Properties of Monitoring Films and Condenser Ion Chambers for Use in Reactor		<i>Bol# 60</i>
	Core Gamma Flux Measurement	Nov. 1961	
✓ TRG Memo 659(C)	A Method for the Detection of a Graphite Block of High Chemical Reactivity	Dec. 1961	
✓ TRG Memo 767(C)	The Application of the Theory of Irradiation Growth in Polycrystalline Graphite to the Specification of Graphites With Improved Dimensional Stability Under Irradiation	Apr. 1962	
✓ TRG Memo 792(R)	Wigner Growth/Shrinkage and its Implications for Core Design, With Particular Reference to Self-Straining of the Moderator Bricks	Feb. 1962	
✓ TRG Memo 922(R)	Dimensional Changes in Graphite-Graphical Summary of Data to end of Feb. 1962	March 1962	
✓ TRG Memo 934(R)	The Calculation of Stored Energy and Thermal Conductivity Changes in Graphite Due to Neutron Irradiation	Mar. 1962	
✓ TRG Memo 941(W)	Leak Testing of Irradiated AGR Fuel Element Assemblies	Apr. 1962	
✓ TRG Memo 1003(R)	Wigner Stresses and Strains in a Civil AGR Moderator	April 1962	
✓ TRG Memo 1044(W)	Proposals for the Measurement of the Temperature Coefficients of Reactivity of the Windscale AGR	May 1962	
✓ TRG Memo 1013(R)	Transient Conditions in the AGR Reactor During a Loss of Air Pressure Fault.	Apr. 1962	
✓ TRG Memo 1016(W)	An Experiment to Study the Effect of Various Materials on the Irradiation Induced in CO-CO <sub>2</sub> Mixtures	May 1962	
✓ TRG Memo 1020(W)	A Theoretical Examination of the Spatial Dependence of Source Jerk Measurements in Spherical Reflected Systems	March 1962	
✓ TRG Memo 1029(R)	Leak Detection in Irradiated AGR Fuel-Element Assemblies	May 1962	
✓ TRG Memo 1108(R)	Wigner Stresses and Strains in the Calder Reactor Moderator	June 1962	
✓ TRG Memo 1115(R)	The Calculations of Irradiation Induced Dimensional Changes in Grade 'A' Graphite	June 1962	
✓ TRG Memo 1164(W)	Measurements in Apex of the Relative Reactivity Worths of AGR and Hero Type Fuels	July 1962	
✓ TRG Memo 1177(W)	The Loading Pattern of WAGR and the Determination of Temperature Distributions in the Mk. II Charge and the Experimental	June 1962	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ TRG Memo 1293(W)	✓ The First Loading to Critical of the WAGR	Sept. 1962	<p>Lot # 60</p> 
✓ TRG Memo 1295(W)	✓ A Brief Description of the Hero Core Together With Dimensions and Numerical Constants for use in Core Calculations Related to AGR Mk. II Fuel	Sept. 1962	
✓ TRG Memo 1362(R)	✓ Transient Conditions in the AGR During Commissioning Experiments	Nov. 1962	
✓ TRG Memo 1465(W)	✓ Interpretation of Measurements Using Irradiated Fuel in HERO	Jan. 1963	
✓ TRG Memo 1483(W)	✓ The Derivation of Reflector Constants for the Hero Cores	Jan. 1963	
✓ TRG Memo 1493(W)	✓ "93-Channel Core" Experiments in Hero with AGR Mk. 2 Stainless Steel Canned Fuel	Dec. 1962	
✓ TRG Memo 1538(W)	✓ Investigation of the Source-Jerk Technique in WAGR	Feb. 1963	
✓ TRG Memo 1569(C)	✓ Dimensional Changes in Graphite-Results From the Statistical Growth and Manufacturing Variables Experiments	March 1963	
✓ TRG Memo 1571(R)	✓ Evaluation of Maximum Can Temperature for WAGR Mk. 2 Fuel Charge	March 1963	
✓ TRG Memo 1574(S)	✓ The Corrosion of 18/8/Nb and 20/25/Nb Stainless Steels in CO <sub>2</sub> /CO Atmospheres	April 1963	
✓ TRG Memo 1582(W)	✓ Pressure Loss Measurements on A Mark II AGR Fuel Element Stringer	March 1963	
✓ TRG Memo 1583(S)	✓ Proposed Statistical Analysis to Assess the Factors Influencing the Ductility of Stainless Steel AGR Cans	March 1963	
✓ TRG Memo 1616(W)	✓ Calibration Tests on the AGR Mk. 2 Can Thermocouple Installation	April 1963	
✓ TRG Memo 1626(W)	✓ Heat Transfer Performance of a Rough Surface Formed by Pressurising a Can on to Conical Pellets	April 1963	
✓ TRG Memo 1678(W)	✓ Extension of the Epithermal Trap Correlation to WAGR Mk. 2 Fuel: Calculations for APEX and HERO Experiments	May 1963	
✓ TRG Memo 1723(S)	✓ The Total Hemispherical Emmissivity of 20% Cr/25% Ni/Nb Stainless Steel Held in a CO <sub>2</sub> Atmosphere at 600 and 730°C.	July 1963	
✓ TRG Memo 1777(S)	✓ Bursting Tests on WAGR Stainless Steel Cans	Aug. 1963	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ TRG Memo 1835(C) ✓ Notes on a Meeting Held at Culcheth on the 30th May, 1963 Between ORNL and R.M.L. Staff to Discuss Graphite Physics Problems		Aug. 1963	Box # 60
✓ TRG Rpt. 4: ✓ Fifth Progress Report on the Creep and Stress Rupture Testing of Pressure Vessel Steels		May 1961	
✓ TRG Rpt. 23(CA) ✓ Calibrated Leaks for High-Temperature High-Pressure Applications		May 1961	
✓ TRG Rpt. 40(R) ✓ Wigner Stresses		Sept. 1961	
✓ TRG Rpt. 46(R) ✓ FTD2 A 2-Dimensional Flux and Temperature Distribution Programme for Thermal Reactors		July 1961	
✓ TRG Rpt. 53(CA) ✓ A High Temperature Linear Rise Calorimeter for Measuring Stored Energy in Irradiated Graphite		July 1961	
✓ TRG Rpt. 58(R) ✓ Final Design and Safety Rpt. for AGR 18-Cluster Beryllium-Clad Fuel Element Irradiation Test Rig, D.M.T.R.		Feb. 1962	Box # 61
✓ TRG Rpt. 86(D) ✓ The Extinguishing of Uranium and Plutonium Fires		1962	
✓ TRG Rpt. 114(C) ✓ A Study of the C/CO/CO <sub>2</sub> System Under Irradiation, Using C Tracer		1963	
✓ TRG Rpt. 118(R) ✓ The Windscale AGR With Beryllium Canning: The Effect of Variations in Temperature		Sept. 1961	
✓ TRG Rpt. 136(C) ✓ Coefficients on Control Rod Stability Creep and Stress Rupture Properties of		Sept. 1962	
✓ TRG Rpt. 142(R) ✓ Vacuum Melted Stainless Steels of Interest in AGR Canning Materials		1962	
✓ TRG Rpt. 171(C) ✓ Point Model Equations for the Determination of the Kinetic Behaviour of Gas-Cooled Graphite		1962	
✓ TRG Rpt. 200(R) ✓ Moderated Reactors with Re-Entrant Cores		May 1962	
✓ TRG Rpt. 220(R) ✓ The Role of Porosity in the Accommodation of Thermal Expansion in Graphite		1962	
✓ TRG Rpt. 227(R) ✓ Final Design and Safety Report for AGR 9-Cluster Stainless-Steel-Clad Fuel Element Irradiation Test Rig, D.M.T.R.		July 1962	
✓ TRG Rpt. 237(W) ✓ Moderator Energy Absorption Rate in the AGR Type of Reactor		Feb. 1962	
✓ TRG Rpt. 238(R) ✓ Methods of Control Rod Calculation for Graphite Moderated Reactors		March 1963	
✓ TRG Rpt. 238(R) ✓ The First Build of APEX Windscale AGR Fault Studies Covering Spatial Effects		1962	



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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ TRG Rpt. 253(W) ✓	The First Build of Apex	Mar. 1963	<i>Box # 61</i>
✓ TRG Rpt. 256(C) ✓	An Effect of Flux Level and Flux Spectrum on the Accumulation of Damage in Reactor Irradiated Graphite	Mar. 1962	
✓ TRG Rpt. 259(S) ✓	Some Comments on The Corrosion of Beryllium	Mar. 1962	
✓ TRG Rpt. 260(S) ✓	The Corrosion Testing of Beryllium for Use in a Carbon-Dioxide Cooled Reactor	Mar. 1962	
✓ TRG Rpt. 269(S) ✓	Out-of-Pile Evaluation of Windscale AGR	Apr. 1962	
✓ TRG Rpt. 280(C) ✓	Mk2 Fuel Elements and Fuel Element Assemblies Predicted Dimensional Change Behaviour of Moderator Graphite in Magnox-Uranium Power Reactors	May 1962	
✓ TRG Rpt. 282(C) ✓	Irradiation Damage to Artificial Graphite at 450°C	July 1962	
✓ TRG Rpt. 293(C) ✓	Possible Mechanisms in the Graphite/CO/CO <sub>2</sub> System Under Irradiation	June 1962	
✓ TRG Rpt. 307(R) ✓	Stability of Model AGR Mk. 1 Fuel Elements	May 1962	
✓ TRG Rpt. 315(S) ✓	Out-of-Pile Evaluation of Mk. 1 Windscale AGR Beryllium-Clad Fuel Elements and Clusters of Fuel Elements	June 1962	
✓ TRG Rpt. 332(W) ✓	The Thermal Conductance of Uranium Dioxide/Stainless Steel Interfaces	June 1962	
✓ TRG Rpt. 336(R) ✓	Parametric Surveys of H.T.R. Systems	Aug. 1962	
✓ TRG Rpt. 343(R) ✓	Description of Digital Computer Programme Friction and Wear Behaviour of Possible Gas Bearing Materials in Dry Bearing Materials in Dry Carbon Dioxide and Pure Helium	Aug. 1962	
✓ TRG Rpt. 349(C) ✓	Thermal Expansion of Pyrolytic Graphite	July 1962	
✓ TRG Rpt. 356(R) ✓	Some Experiments on the Rate of Diffusion of Carbon Monoxide Through Stainless Steel	July 1962	
✓ TRG Rpt. 357(C) ✓	Thermal Expansion of Graphite Over Different Temperature Ranges	Aug. 1962	
✓ TRG Rpt. 358(W) ✓	Determination of Material Buckling and Migration Area Asymmetry of WAGR Lattice and 2.5% Mk. II Fuel by the Use of Bare <del>BMX</del> Builds of Apex	Oct. 1962	
<del>XXXXXXXXXXXX</del> ✓ TRG Rpt. 361(C) ✓	A Neutron Damage Equation for Metals, Particularly Mild Steel	Aug. 1962	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ TRG Rpt. 362(C) ✓	Dimensional Changes in Graphite-The Relationship Between Those Produced by Absorption of Bromine and Those Produced by Irradiation	1962	A-516-3
✓ TRG Rpt. 364(S) ✓	The Corrosion of Beryllium in Carbon Dioxide	1962	
✓ TRG Rpt. 365(W) ✓	Disposition of the Thermocouples on the Mk. II Fuel Elements in WAGR	1962	
✓ TRG Rpt. 377(S) ✓	The Effect of Mechanical Interaction Between Beryllium Cans and UO <sub>2</sub> Fuel on the Out-Of-Pile Performance of Beryllium Clad AGR Fuel Elements	Sept. 1962	
TRG Rpt. 380(S)	The Preparation and Study of Beryllium Powder	Sept. 1962	A-316-4
✓ TRG Rpt. 387(S) ✓	The Characteristics of Spherical Granules of UO <sub>2</sub> Produced by Gyration in an Abrasive Lined Track	Nov. 1962	
✓ TRG Rpt. 388(R) ✓	The Calculation of Stored Energy and Thermal Conductivity Changes in Graphite Due to Neutron Irradiation	Jan. 1963	
✓ TRG Rpt. 389(R) ✓	The Calculation of Irradiation-Induced Dimensional Changes in Grade 'A' Graphite	Jan. 1963	
✓ TRG Rpt. 395(R) ✓	Windscale AGR Design Safety Report	Sept. 1962	
✓ TRG Rpt. 409(W) ✓	A Transistorised 64-Channel Time Analyser	Oct. 1962	
✓ TRG Rpt. 412(R) ✓	A CO <sub>2</sub> Flowmeter for AGR Fuel Channels	Sept. 1962	
✓ TRG Rpt. 418(C) ✓	Automatic Ultrasonic Inspection of Butt Welds in Thick Steel Plate	Oct. 1962	
✓ TRG Rpt. 438(R) ✓	Thermal Conductivity and Viscosity of CO <sub>2</sub>	Aug. 1963	
✓ TRG Rpt. 447(R) ✓	Heat-Transfer Characteristics of Roughened Surfaces	Apr. 1963	
✓ TRG Rpt. 453(C) ✓	The Evaluation of Welded Austenitic-Ferritic Joints for the AGR Experimental Loops	Jan. 1963	
✓ TRG Rpt. 454(S) ✓	AGR Mk. 2 Fuel Element Assemblies	Jan. 1963	
✓ TRG Rpt. 455(R) ✓	Dynamic Strains and Movements Induced by the Gas Flow in an AGR Mk. II Fuel Element Stringer	May 1963	
✓ TRG Rpt. 477(C) ✓	Fast Fracture of Pressure Vessels	Apr. 1963	
✓ TRG Rpt. 483(C) ✓	Low-Cycle High-Strain Fatigue Behaviour of a Low-Carbon High-Manganese Pressure Vessel Steel	Feb. 1963	
✓ TRG Rpt. 484(C) ✓	Creep and Stress Rupture Properties of Pressure Vessel Steels	Feb. 1963	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ TRG Rpt. 492(W) ✓ Fine Flux and Power Distribution Measurements: Part 1: In WAGR Mk2 Fuel Regions Remote from Axial Discontinuities		Aug. 1963	Box # 61 <i>H-216</i>
✓ TRG Rpt. 493(C) ✓ Determination of Fast Neutron Dose by Nickel Activation		Mar. 1963	
✓ TRG Rpt. 511(C) ✓ Application of the Equivalent Dose and Temperature Concepts to Irradiation-Induced Changes in the Mechanical Properties of Steel		Mar. 1963	
✓ TRG Rpt. 519(W) ✓ Forced Convection Heat Transfer in Passages With Varying Roughness and Heat Flux Around the Perimeter		Mar. 1963	
✓ TRG Rpt. 522(R) ✓ Cast Epoxy Resin Gas Bearings		June 1963	
✓ TRG Rpt. 538(W) ✓ Forced Convection Heat Transfer From a Cluster of Rods to An Axial Coolant Flow		July 1963	
✓ TRG Rpt. 539(W) ✓ Friction Factor Measurements in a Rectangular Channel with Artificially Roughened Walls		July 1963	
✓ TRG Rpt. 540(S/X) ✓ Irradiation of Beryllium at Elevated Temperatures		July 1963	
✓ TRG Rpt. 541(R) ✓ Computer Studies of the Dynamic Behaviour of the Windscale AGR During an Experiment to Measure the Fuel Doppler Coefficient		June 1963	
✓ TRG Rpt. 542(C) ✓ Intercomparison of Fast Neutron Flux Monitors in a Hollow Fuel Element in Pluto		June 1963	
✓ TRG Rpt. 550(R) ✓ Fuel Elements and Components, Mk. 2 Charge, Windscale AGR		May 1963	
✓ TRG Rpt. 552(C) ✓ The Dimensional Changes Produced in Graphite by Absorption of Bromine		June 1963	
✓ TRG Rpt. 554(C) ✓ The AGR Steel Monitoring Programme		June 1963	
✓ TRG Rpt. 567(C) ✓ The Effect of High-Flux Fast Neutron Irradiation on the Physical Properties of Graphite		July 1963	
✓ TRG Rpt. 577(W) ✓ The Detection of Failed Assemblies in Discharged WAGR Fuel Element Strangers		July 1963	
✓ TRG Rpt. 587(S) ✓ The Elasto-Plastic Thermal Bowing of Some Experimental Nuclear Fuel Pins for Advanced Gas-Cooled Reactors		Oct. 1963	
✓ TRG Rpt. 600(W) ✓ A Test of Current Correlation Methods of Lattice Calculation by Analysis of Experiments with Steel-Canned Fuel		Aug. 1963	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ TRG Rpt. 601(W) ✓ AGR Out-Of-File Handling Rig ✓ TRG Rpt. 616(D) ✓ An Autocode Programme for the Study of Natural Convection and Radiation in Three Gases: Helium, CO <sub>2</sub> and Air		Aug. 1963	Box # 61           H-316-11
✓ W/AT 177 ✓ A Reactivity Scale for Thermal Reactors Containing Irradiated Fuel		Aug. 1963	
✓ W/AT 738 ✓ Friction and Wear Studies of Irradiated and Unirradiated Grade A Reactor Graphite in Dry CO <sub>2</sub> at 400°C.		June 1958	
✓ W/AT 754 ✓ Temperature Distributions in Graphite Moderator Bricks Under Irradiation		July 1961	
✓ W/AT 911 ✓ Revised Temperature Distributions in Graphite Moderator Bricks under Irradiation		Sept. 1961	
✓ W/AT 911 ✓ Revised Temperature Distributions in Graphite Moderator Bricks under Irradiation		June 1962	
<u>MISCELLANEOUS REPORTS &amp; PAPERS</u>			
✓ The Oxidation of Hydrogen and Carbon Monoxide in Carbon Dioxide Using a Noble Metal Catalyst			
✓ Progress Report of Work on the Advanced Gas-Cooled Reactor Statement of Position on 28.2.61		March 1961	
✓ Methods of Calculating the Kinetic Behaviour of Large Graphite-Moderated Natural Uranium Power Reactors		Feb. 1962	
✓ Bericht: 548 AEE: Dragon Project Vol. I & II ✓			
✓ Data Book-Helium Purification Pilot Plant-Dragon HTR Proj.		1961	
✓ Dragon Project Data Sheets		Mar. 1961	

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Reactor Division - ORO		3/15/66	15 cu. ft.
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<p><u>INTERNATIONAL AFFAIRS</u></p> <p><del>✓</del> International Affairs 2 Australian 1962</p> <p><del>✓</del> International Affairs 2 Australian 1963</p> <p><del>✓</del> International Affairs 2 Australian (Swindeman's Assignment)</p> <p>* <del>✓</del> International Affairs 2 US/French (Aug. thru Dec.)</p> <p><del>✓</del> International Affairs 2 US/French (Jan. thru July)</p> <p><del>✓</del> International Affairs 2 US/French 1962</p> <p>Reactor Development 3 ORNL BeO Irradiation Program 1961          (This file should be left in the International Affairs Category)</p> <p><del>✓</del> International Affairs 2 US/French Graphite 1961</p> <p><del>✓</del> International Affairs 2 US/French 1961</p> <p><del>✓</del> International Affairs 2 US/German 1962</p> <p><del>✓</del> International Affairs 2 US/German 1963 <i>to change</i></p> <p><del>✓</del> International Affairs 2 German/AVR 1963 (Aug. - Dec.)</p> <p>* <del>✓</del> International Affairs 2 German/AVR 1963 (May - July)</p> <p><del>✓</del> International Affairs 2 German/AVR 1963 (Jan. - Apr.)</p>	<p>5/62 - 9/62</p> <p>6/61 - 12/63</p> <p>1/63 - 12/63</p> <p>2/63 - 12/63</p> <p>12/62 - 7/31</p> <p>10/61 - 12/62</p> <p>4/61 - 12/61</p> <p>8/61 - 10/61</p> <p>11/61 - 12/61</p> <p>3/60 - 12/62</p> <p>3/63</p> <p>8/63 - 12/63</p> <p>5/63 - 7/63</p> <p>1/63 - 4/63</p>	<p><i>Box # 62</i></p>	
<p><del>✓</del> International Affairs 2 AGR/EGCR Procedures 1959 &amp; 1960</p> <p><del>✓</del> International Affairs 2 AGR/EGCR Procedures 1961</p> <p><del>✓</del> International Affairs 2 AGR/EGCR Procedures 1962</p> <p><del>✓</del> International Affairs 2 AGR/EGCR Procedures 1963</p>	<p>2/60 - 12/60</p> <p>2/61 - 12/61</p> <p>12/61 - 12/62</p> <p>10/62 - 12/63</p>	<p><i>Box # 63</i></p>	

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.	
<i>IA 2-7</i>				
✓ International Affairs	2 Dragon/HTGR Procedures 1959 & 1960	6/59 - 12/60	<i>Box # 63</i>	
✓ International Affairs	2 Dragon/HTGR Procedures 1961	9/60 - 12/61		
✓ International Affairs	2 Dragon Procedures 1962	1/62 - 12/62		
✓ International Affairs	2 Dragon Procedures 1963			
✓ International Affairs	2 AGR/EGCR Prog. Rpt. 1963	1/63 - 12/63		
✓ International Affairs	2 AGR/EGCR Prog. Rpt. 1962	12/61 - 11/62		
✓ International Affairs	2 AGR/EGCR Prog. Rpt. 1961	12/60 - 11/61		
✓ International Affairs	2 AGR/EGCR Prog. Rpts. 59 & 60	7/60 - 9/60		
✓ International Affairs	2 Dragon Progress Rpts. 1963	2/63 - 8/63		
✓ International Affairs	2 Dragon Progress Rpts. 1962	1/62 - 8/62		
✓ International Affairs	2 Dragon Progress Rpts. 1961	10/60 - 10/61		
✓ International Affairs	2-2 AGR 1963	4/63 - 10/63		
✓ International Affairs	2-2 AGR 1962	6/62 - 11/62		
✓ International Affairs	2-2 Materials Dragon 1962	8/61 - 11/62		
✓ International Affairs	2-2 Materials Dragon 1963	1/63 - 9/63		
✓ International Affairs	2-3 UK Beryllium 1963	5/62 - 12/63		
✓ International Affairs	2-3 UK Beryllium 1962	12/61 - 12/62		
* ✓ International Affairs	2-7 AGR/EGCR Visits 1963	1/63 - 12/63		
✓ International Affairs	2-7 Dragon/HTGR Visits 1963	1/63 - 11/63		<i>Box # 64</i>
✓ International Affairs	2-8 AGR/EGCR Graphite Newsletter 1963	1/63 - 12/63		
✓ International Affairs	2-8 AGR/EGCR Exchange of Info 1963	12/62 - 12/63		

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
✓ International Affairs 2-8 Dragon/HTGR Exchange of Information 1963	1/63 - 12/63	<i>Box # 64</i>	
✓ International Affairs 5-8 Libby/Cockcroft 1963	1/63 - 12/63		
✓ International Affairs 6-1 Euratom 1963	12/62 - 12/63		
✓ International Affairs 8 (Rpts.) Australian 1963	10/63		
✓ International Affairs 8 AGR/EGCR Rpts. (from UK) 1963	1/63 - 12/63		
✓ International Affairs 8 AGR/EGCR Rpts. (to UK) 1963	1/63 - 12/63		
✓ International Affairs 8 Dragon/HTGR Rpts. (from UK) 1963	4/62 - 12/63		
✓ International Affairs 8 Dragon/HTGR Rpts. (to UK) 1963	10/62 - 12/63		
✓ International Affairs 8 US/German Rpts. 1963	8/63 - 11/63		
✓ International Affairs 8 Bi-Weekly Activities Rpt. 1963	1/63 - 12/63		
✓ International Affairs 10 Conferences-Symposia 1963	2/63 - 12/63		
✓ International Affairs 10 Dragon U.S. 63	4/63		
✓ International Affairs 10 Conferences AGR 1963	11/62 - 11/63		<i>Box # 65</i>
✓ International Affairs 10 Conferences Dragon 1963	11/62 - 12/63		
✓ International Affairs 10 (Dragon Meetings-US '61)(1963)	1/63 - 5/63		
✓ International Affairs 12 IAEA 1963	2/63 - 12/63		
✓ International Affairs 21 Education & Training -Dragon 1963	1/63 - 12/63		
✓ International Affairs 21-1 Puerto Rico Nuclear Center 1963	1/63 - 12/63		
✓ International Affairs 21-1 PRNC Highlights Rpts.	12/62 - 12/63		

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<u>MEDICINE, HEALTH &amp; SAFETY</u>			<i>Box # 65</i>
✓ Medicine, Health & Safety 3 Radiation 1963.	12/62		
✓ Medicine, Health & Safety 3-2 Reactor Safety 1963.	12/61 - 12/63		
✓ Medicine, Health & Safety 3-2 (G.E. Nuclear Test Gauge)	1/63 - 6/63		
✓ Medicine, Health & Safety 3-2 G. E. 1963	2/63 - 12/63		
✓ Medicine, Health & Safety 3-2 G. E.- Fast Spectrum	2/63 - 3/63		
✓ Medicine, Health & Safety 3-2 G. E. - Maritime	1/63 - 12/63		
✓ Medicine, Health & Safety 3-2 Hazards - ORNL	1/63 - 12/63		
✓ Medicine, Health & Safety 3-2 HFIR 1963	3/63 - 5/63		
✓ Medicine, Health & Safety 3-2 MSRE 1963	3/63 - 5/63		
✓ Medicine, Health & Safety 3-2 HPRR 1963	5/63 - 8/63		
✓ Medicine, Health & Safety 3-2 LITR 1963	5/63 - 7/63		
✓ Medicine, Health & Safety 3-2 ORNL Critical Facility	1/63 - 12/63		
✓ Medicine, Health & Safety 3-2 PRNC 1963	10/62 - 8/63		
✓ Medicine, Health & Safety 3-2 ORR 1963	3/63 - 8/63		
✓ Medicine, Health & Safety 3-2 Rpts. - List 1963	12/62 - 7/63		
✓ Medicine, Health & Safety 3-6 Detection & Measurement	4/63	<i>Box # 66</i>	
✓ Medicine, Health & Safety 3-9 Accidents	1/63 - 11/63		
✓ Medicine, Health & Safety 6 Standard Regulations	11/63 - 12/63		
✓ Medicine, Health & Safety 7 Experiments & Tests	1/63 - 11/63		
✓ Medicine, Health & Safety 8 ORO Accidents Experience Rpts. 1963	6/62 - 10/63		



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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
✓ Medicine, Health & Safety 16 Safety & Fire Protection	3/63 - 12/63		<i>Box 66</i>
✓ Medicine, Health & Safety 21 Training 1963	9/63		
<u>REACTOR DEVELOPMENT</u>			
✓ Reactor Development 2 Graphite 1963	3/63		<i>Box 66</i>
✓ Reactor Development 3 Fuel (General) 1963	1/63 - 12/63		
✓ Reactor Development 3 Irradiation Requirements 1963	3/63 - 11/63		
✓ Reactor Development 3 Thorium 1963	8/61 - 12/63		
Reactor Development 3 ORNL/GNEC Beryllium 1963	6/63 <i>All Classified</i>		
✓ Reactor Development 3-1 Fuel Elements 1963	2/63 - 11/63		
* ✓ Reactor Development 3-2 Fuel Studies 1963	10/60 - 12/63		
✓ Reactor Development 3-2 Pebble Bed Reactor Exp. 1962	3/62 - 9/62		
✓ Reactor Development 3-3 Fuel Development	5/63 - 10/63		
* ✓ Reactor Development 6 Shielding	1/63 - 11/63		
✓ Reactor Development 7 Reactor Components	11/63 - 12/63		
✓ Reactor Development 7-1 Instrumentation	10/61 - 12/63		
✓ Reactor Development 7-2 Non-Nuclear Components	1/62 - 12/63		
✓ Reactor Development 8 Reactor Table	5/63 - 6/63		
✓ Reactor Development 8 Hanford Graphite Monthly 1963	11/62 - 3/63		
* ✓ Reactor Development 8 Reports 1963 ( <i>General</i> )	12/62 - 11/63		
Reactor Development 8 AECL 1963	10/62 - 11/63		<i>Box 67</i>
Reactor Development 8 ORNL Evaluation & Planning	1/63 - 12/63		

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Transferring Office	Transfer Authorized By (Signature) <i>L.P. Carlson</i>	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<del>✓</del> Reactor Development 8 Foreign Reactor Development 1963	1/63 - 12/63		<i>Box # 67</i>
<del>✓</del> Reactor Development 9 Container (Pressure Vessel),	1/63 - 12/63		
<del>✓</del> Reactor Development 10-1 Boiling Water Reactor (Gen.)	1/63		
<del>✓</del> Reactor Development 10-1 BONUS (Gen.)	1/63 - 8/63		
<del>✓</del> Reactor Development 10-1 BONUS Communication & Records	11/63		
<del>✓</del> Reactor Development 10-1 BONUS Contracts	6/62 - 11/63		
<del>✓</del> Reactor Development 10-1 BONUS Budget 1963	1/60 - 12/63		
<del>✓</del> Reactor Development 10-1 BONUS Equipment & Supplies	3/63 - 12/63		
<del>✓</del> Reactor Development 10-1 BONUS Information & Pub.	12/62 - 11/63		
<del>✓</del> Reactor Development 10-1 BONUS Materials	3/63 - 12/63		
<del>✓</del> Reactor Development 10-1 BONUS Med., Health, Safety	1/63 - 12/63		
<del>✓</del> Reactor Development 10-1 BONUS O & M (Management Program)	1/63		
<del>✓</del> Reactor Development 10-1 BONUS O&M	1/63 - 12/63		
<del>✓</del> Reactor Development 10-1 BONUS Personnel (Aug. thru Dec., 1963)	12/62 - 12/63		
<del>✓</del> Reactor Development 10-1 BONUS Personnel (Jan. thru July, 1963)	11/60 - 7/63		<i>Box # 68</i>
<del>✓</del> Reactor Development 10-1 BONUS PLBL-4	1/63 - 11/63		
<del>✓</del> Reactor Development 10-1 BONUS PLBL-5 Space	4/63 - 6/63		
<del>✓</del> Reactor Development 10-1 BONUS PLBL-7	12/62 - 12/63		
<del>✓</del> Reactor Development 10-1 BONUS PLBL-7 (DI&R)	4/61 - 12/63		
<del>✓</del> Reactor Development 10-1 BONUS PLBL-7 (Adm. Procedures Manual) 1963	3/63 - 6/63		
<del>✓</del> Reactor Development 10-1 BONUS PLBL-7 (Criticality Procedures)	4/63 - 12/63		

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>NAEA</i>			
✓ Reactor Development	10-1 BONUS PLBL-7 Nuclear Startup Procedure	2/63 - 3/63	<i>Box # 68</i>
✓ Reactor Development	10-1 BONUS PLBL-7 Operating Procedures	1/63 - 11/63	
✓ Reactor Development	10-1 BONUS PLBL-7 Checkout Proced.	1/63 - 12/63	
✓ Reactor Development	10-1 BONUS PLBL-7 Checkout Proced.	11/62 - 2/63	
✓ Reactor Development	10-1 BONUS PLBL-7 Checkout Proced.	10/62 - 2/63	
✓ Reactor Development	10-1 BONUS PLBL-7 Checkout Proced.	11/62 - 1/63	
✓ Reactor Development	10-1 BONUS PLBL-7 Checkout Proced.	12/62 - 1/63	
✓ Reactor Development	10-1 BCNUS PLBL-7 Checkout Proced.	11/62	<i>Box # 69</i>
✓ Reactor Development	10-1 BONUS PLBL-7 Checkout Proced.	11/62 - 2/63	
✓ Reactor Development	10-1 BONUS PLBL-7 Checkout Proced.	12/62	
✓ Reactor Development	10-1 BONUS PLBL-7 (Post Const. R&D and Operations Analysis)	12/60 - 12/63	
✓ Reactor Development	10-1 BONUS PLBL-7 (SS Acc't. & Fuel Handling Procedures)	1/63 - 7/63	
✓ Reactor Development	10-1 BONUS PLBL-7 (Nuclear Plant Management Program)	2/63 - 9/63	
✓ Reactor Development	10-1 BONUS PLBL-7 (Tech. Specs.)	2/63 - 12/63	
✓ Reactor Development	10-1 BONUS PLBL-8 (Actual & Prop. Schedules)	5/62 - 2/63	
✓ Reactor Development	10-1 BONUS PLBL-8	1/63 - 12/63	
✓ Reactor Development	10-1 BONUS PLBL-12 Power	11/63	
✓ Reactor Development	10-1 BONUS RD-6 Shielding	3/63	<i>NAEA</i>
✓ Reactor Development	10-1 BONUS RD 7-1 Control Systems	1/63 - 12/63	
✓ Reactor Development	10-1 BONUS RD 7-2 (Non-Nuclear	1/63 - 11/63	

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	<i>J.P. Castberg</i>		
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<del>✓</del> Reactor Development 10-1 BONUS RD-8 (Rpts. Corresp.) <del>✓</del> Reactor Development 10-1 BONUS RD-8 Breakdown of Serv. <del>✓</del> Reactor Development 10-1 BONUS Transportation <del>✓</del> Reactor Development 10-1 BONUS RD-9 Container <del>✓</del> Reactor Development 10-1 BONUS Research & Development <del>✓</del> Reactor Development 10-1 BONUS Security	7/62 - 12/63 1/63 - 12/63 3/63 - 12/63 1/63 - 9/63 8/62 - 12/63 8/63 - 11/63	<i>Box # 69</i>	
<del>✓</del> Reactor Development 10-2 Heavy Water <del>✓</del> Reactor Development 10-3 Sodium-Cooled <del>✓</del> Reactor Development 10-3 Fast Breeder <del>✓</del> Reactor Development 10-5 General Gas-Cooled <del>✓</del> Reactor Development 10-5 EGCR General <del>✓</del> Reactor Development 10-5 EGCR Budget ( Jan. - June 1963 ) <del>✓</del> Reactor Development 10-5 EGCR Budget ( July - Dec. 1963 ) <del>✓</del> Reactor Development 10-5 EGCR Contracts <del>✓</del> Reactor Development 10-5 EGCR Equipment & Supplies <del>✓</del> Reactor Development 10-5 EGCR Inf. & Pub.	1/63 - 12/63 4/63 - 8/63 3/63 - 10/63 3/62 - 12/63 1/63 - 11/63 1/63 - 6/63 1/63 - 12/63 2/63 - 11/63 12/62 - 12/63 1/63 - 12/63	<i>Box # 70</i>	
<del>✓</del> Reactor Development 10-5 EGCR Materials <del>✓</del> Reactor Development 10-5 EGCR Med., Health, Safety (May thru Dec.) <del>✓</del> Reactor Development 10-5 EGCR Med., Health, Safety (Jan. thru April) <del>✓</del> Reactor Development 10-5 EGCR Org. & Management	9/63 - 10/63 5/63 - 12/63 1/63 - 4/63 2/63 - 12/63	<i>Box # 71</i>	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<del>✓</del> Reactor Development 10-5 EGCR Personnel <del>✓</del> Reactor Development 10-5 EGCR Personnel (Davis-Bacon) <del>✓</del> Reactor Development 10-5 EGCR PLBL <del>✓</del> Reactor Development 10-5 EGCR PLBL - 4 <del>✓</del> Reactor Development 10-5 EGCR PLBL 4-6 Work Orders <del>✓</del> Reactor Development 10-5 EGCR PLBL - 5 Space <del>✓</del> Reactor Development 10-5 EGCR PLBL - 6 Maintenance & Preservation <del>✓</del> Reactor Development 10-5 EGCR PLBL-7 Operations		9/61 - 12/63 1/63 1/63 - 12/63 1/63 - 12/63 10/62 - 11/63 1/63 - 2/63 1/63 12/62 - 12/63	Box # 71
<del>✓</del> Reactor Development 10-5 EGCR PLBL-7 Test Procedures <del>✓</del> Reactor Development 10-5 EGCR PLBL-7 (Opr. - TVA Rpts.) <del>✓</del> Reactor Development 10-5 EGCR PLBL-7 Operating Manuals <del>✓</del> Reactor Development 10-5 EGCR PLBL-7 Operating Procedures <del>✓</del> Reactor Development 10-5 EGCR PLBL-8 Reports Corresp. <del>✓</del> Reactor Development 10-5 EGCR PLBL-8 Const. Prog. <del>✓</del> Reactor Development 10-5 EGCR PLBL-12 Power <del>✓</del> Reactor Development 10-5 EGCR RD-2 Graphite <del>✓</del> Reactor Development 10-5 EGCR RD-2 Core <del>✓</del> Reactor Development 10-5 EGCR RD-3 Fuel <del>✓</del> Reactor Development 10-5 EGCR RD-4 Moderators & Reflectors <del>✓</del> Reactor Development 10-5 EGCR RD-5 Cooling <del>✓</del> Reactor Development 10-5 EGCR RD-6 Shielding		1/63 - 12/63 1/63 - 12/63 1/63 - 12/63 9/62 - 4/63 1/63 - 11/63 1/63 - 12/63 3/63 - 9/63 1/63 - 9/63 2/63 - 12/63 6/62 - 12/63 6/63 1/63 - 12/63 1/63 - 6/63	Box # 72

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD-7-1 Control Systems (Jan. thru June)	<i>L. Carter</i>	7/62 - 6/63	Box #72
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD 7-1 Control Systems (July thru Dec. )  Binders labeled: <input checked="" type="checkbox"/> EGCR Control Rod Drive Mechanism - Back-Up Correspondence <input checked="" type="checkbox"/> EGCR Control Rod Drive Mechanism - Interim Rpts. <input checked="" type="checkbox"/> EGCR Control Rod Drive & Appurtenances - Request for Engineering Information <input checked="" type="checkbox"/> EGCR Control Rod Drive Mechanism - Specifications <input checked="" type="checkbox"/> Control Rod Drive Meetings <input checked="" type="checkbox"/> EGCR Control Rod Drive Mechanism - Ad Hoc Committee		1/62 -12/63	Box #73
Folders labeled: <input checked="" type="checkbox"/> Procurement of the EGCR Control Rods, File #1 to February 16, 1962 <input checked="" type="checkbox"/> Procurement of the EGCR Control Rods, File #2 from February 16, 1962  <input checked="" type="checkbox"/> 1 Folder (Unlabeled) Miscellaneous Correspondence			<i>L. Carter</i>
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD 7-2 Non-Nuclear Components		1/63 - 12/63	
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD 7-2 (Charge, Service Machine)		11/62 - 12/63	Box #74
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD 7-2 (Blower Seal Dev.)		1/63 - 2/63	
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD 7-2 (Loops)		6/63 - 11/63	
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD - 8 Rpts.		8/63	
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD - 8 (AC Studies)		1/63 - 5/63	
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR RD - 9 Container		12/62 - 12/63	
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR Research & Development		7/63 - 8/63	
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR Security		5/63 - 11/63	
<input checked="" type="checkbox"/> Reactor Development 10-5 EGCR Transportation		3/63 - 9/63	

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Transferring Office	Transfer Authorized By (Signature) <i>J. R. Corberry</i>	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
✓ Reactor Development n 10-5 Advanced Gas-Cooled Reactor	12/62 - 12/63		<i>Box # 74</i>
✓ Reactor Development 10-6 MSRE (July thru Dec.)	4/62 - 12/63		
✓ Reactor Development 10-6 MSRE (Jan. thru June)	11/62 - 12/63		
✓ Reactor Development 10-6 Fluid Fuel, Gen.	2/63 - 3/63		
✓ Reactor Development 21 (Apr. thru Dec.)	2/63 - 12/63		
✓ Reactor Development 21 Education & Training (Jan. - Mar.)	1/63 - 3/63		<i>Box # 75</i>
✓ Reactor Development 22 Civilian Power Reactors	4/63 - 5/63		
✓ Reactor Development 22-1 Power Demonstration Reactors	12/62 - 11/63		
✓ Reactor Development 24 Army Reactors	1/63 - 10/63		
✓ Reactor Development 26 Maritime Reactor	4/62 - 9/63		
✓ Reactor Development 27 Rocket Propulsion	4/63 - 12/63		
✓ Reactor Development 29 Auxiliary Power Sources	1/63 - 12/63		
✓ Reactor Development 31 Test Reactor (Kema).	2/63 - 12/63		
✓ Reactor Development 31 LITR.	5/63		
✓ Reactor Development 32 HRLEL.	3/63 - 4/63		
✓ Reactor Development 32 Research, Teaching Reactors.	n/d		
✓ Reactor Development 32 ORNL Graphite Reactor.	5/63 - 12/63		
✓ Reactor Development 32 HFIR.	3/63 - 12/63		
✓ Reactor Development 32 ORR	2/63 - 10/63		

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<p><i>CA 2118</i></p> <p>✓ CONTRACT AT(33-3)-20 Brush Beryllium Company</p> <p>* ✓ 1 Binder Correspondence</p> <p>✓ 1 Jacket Reports</p> <p>✓ 1 Folder labeled "Contracts 1 Prime, Brush Beryllium Co. AT(30-1)-541"</p> <p>✓ CONTRACTS AT-(40-1)-2912 Brush Beryllium Company</p> <p>✓ 1 Binder Correspondence</p> <p>✓ 1 Jacket Reports</p> <p>✓ CONTRACTS AT-(40-1)-2558 Carborundum Company</p> <p>2 Binders Correspondence - Book I ✓</p>	<p>5/61 -</p> <p>5/61 - 11/64</p> <p>2/58 - 2/61</p> <p>5/61 - 11/64</p> <p>12/61 - 1/64</p> <p>11/58 - 1/63</p>		<p><i>BOL# 75</i></p>
<p>Book II ✓</p> <p>1 Jacket Reports ✓</p> <p>✓ CONTRACT AT-(40-1)-2557 Clevite Corporation</p> <p>2 Binders Correspondence - Book I ✓ Book II ✓</p> <p>✓ 1 Jacket Reports ✓</p> <p>Folders: ✓ Batelle Memorial Institute Contract W-7405-ENG-92 ✓</p> <p>✓ Contracts - Clevite, BMI Irradiation Research Correspondence ✓</p> <p>✓ Contracts - Clevite Owens-Corning Rpts. ✓</p>	<p>6/59 - 5/63</p> <p>10/59 - 11/62</p> <p>11/58 - 4/63</p> <p>6/59 - 11/64</p> <p>11/58 - 5/65</p> <p>4/59 - 12/59</p> <p>1/60 - 6/62</p> <p>5/60 - 3/62</p>		<p><i>BOL# 76</i></p>



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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<del>CONTRACT AT-(40-1)-2559</del> Union Carbide Metals Co. <del>2 Binders Correspondence - Book I</del> <del>Book II</del>			Bol # 76
<del>1 Jacket - Reports</del>		11/58 - 10/63 1/61 - 4/64	
<del>CONTRACT AT-(40-1)-2699</del> United Nuclear Corporation <del>1 Binder Correspondence &amp; Contract</del> <del>1 Jacket - Reports</del>		10/59 - 1/62 12/59 - 1/64 11/60 - 6/63	Bol # 77
<del>CONTRACT AT-(40-1)-2560</del> National Carbon Co. <del>2 Binders Correspondence - Book I</del> <del>Book II</del> <del>1 Jacket - Reports</del>			2/58 - 12/63 1/61 - 11/64 11/58 - 6/64
<del>CONTRACT AT(40-1)-2650</del> Union Carbide Corp. - <del>Carbon Products Division</del> <del>1 Binder Correspondence (Contract)</del>			9/59 - 3/65
<del>CONTRACT AT-(40-1)-3067</del> University of Florida <del>1 Binder Correspondence</del> <del>1 Jacket - Reports</del>			5/62 - 7/65 2/63 - 6/65
<del>CONTRACT AT-(40-1)-3119</del> General Dynamics Corp. <del>(AVR Fuel)</del> <del>1 Binder Correspondence</del> <del>1 Jacket - Reports</del>			5/63 - 6/65 9/63 - 10/64

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<p><i>2346-9</i></p> <p>✓ CONTRACT AT-(40-1)-2483 Georgia Institute of Technology</p> <p>*** 2 Binders Correspondence - Book I ✓ Book II ✓</p> <p>✓ 1 Jacket - Reports</p>	<i>L. O. Carter</i>	<p>4/58 - 4/65 12/60 - 9/65</p> <p>12/58 - 11/64</p>	Box # 78
<p>✓ 1 Jacket - Renewal Proposals</p> <p>✓ 1 Jacket - Trip Rpts. &amp; Misc. Correspondence</p>		<p>8/59 - 6/64</p> <p>6/59 - 10/64</p>	Box # 79
<p>✓ CONTRACT AT-(40-1)-2694 Southern Research Institute</p> <p>2 Binders Correspondence - Book I ✓ * Book II ✓</p> <p>✓ 1 Jacket - Reports</p> <p>* ✓ 1 Jacket - Reports</p>		<p>10/59 - 3/65 1/63 - 6/65</p> <p>1/64 - 5/65</p> <p>6/60 - 12/63</p>	<del>Box # 78</del>
<p>GNEC Drawings - Canadian Westinghouse, Ltd. (WTR Loop) Complete Listing attached</p>			Box # 80

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Reactor Division - ORO	<i>T. P. Carberry</i> T. P. Carberry	9-20-66	16 cu. ft.
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<del>INTERNATIONAL AFFAIRS</del> 2 ✓ Agreements for Cooperation <del>INTERNATIONAL AFFAIRS</del> 2 ✓ Australian <del>INTERNATIONAL AFFAIRS</del> 2 ✓ Australian (Mayer) <del>INTERNATIONAL AFFAIRS</del> 2 ✓ Australian (Michel-Swindeman Assignment) <del>INTERNATIONAL AFFAIRS</del> 2 ✓ AGR/EGCR Progress Rpt. <del>INTERNATIONAL AFFAIRS</del> 2 ✓ Dragon Progress Rpt. <del>INTERNATIONAL AFFAIRS</del> 2 ✓ US/German <del>INTERNATIONAL AFFAIRS</del> 2-2 ✓ AGR <del>INTERNATIONAL AFFAIRS</del> 2-2 ✓ Dragon Materials <del>INTERNATIONAL AFFAIRS</del> 2-3 ✓ UK Beryllium <del>INTERNATIONAL AFFAIRS</del> 2-7 ✓ AGR/EGCR Visits <del>INTERNATIONAL AFFAIRS</del> 2-7 ✓ Dragon Visits <del>INTERNATIONAL AFFAIRS</del> 2-8 ✓ AGR/EGCR Graphite Newsletter	5/64 12/63 - 10/64 5/64 - 7/64 9/63 - 12/64 1/64 - 12/64 2/64 - 9/64 6/64 - 12/64 6/64 6/64 3/62 - 10/64 10/63 - 12/64 12/63 - 12/64 2/64 - 12/64	Box # 81	
<del>INTERNATIONAL AFFAIRS</del> 2-8 ✓ AGR/EGCR	2/62 - 12/64	<del>Box # 82</del>	
<del>INTERNATIONAL AFFAIRS</del> 2-8 ✓ Dragon/HTGR <del>INTERNATIONAL AFFAIRS</del> 5-8 ✓ Libby/Cockcroft (May. thru Dec.) <del>INTERNATIONAL AFFAIRS</del> 5-8 ✓ Libby/Cockcroft (Jan. thru Apr.) <del>INTERNATIONAL AFFAIRS</del> 6-1 ✓ EURATOM (July - Dec.) <del>INTERNATIONAL AFFAIRS</del> 6-1 ✓ EURATOM (Jan. - June) <del>INTERNATIONAL AFFAIRS</del> 6-2 ✓ Inter-American Nuclear Energy Commission <del>INTERNATIONAL AFFAIRS</del> 8 ✓ Australian	1/64 - 12/64 2/64 - 12/64 12/63 - 4/64 1/64 - 12/64 10/63 - 6/64 3/64 - 12/64 2/64 - 7/64	Box # 82	

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 8 <input checked="" type="checkbox"/> German Rpts.</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 8 <input checked="" type="checkbox"/> AGR/EGCR Rpts. (to UK)</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 8 <input checked="" type="checkbox"/> AGR/EGCR Rpts. (from UK)</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 8 <input checked="" type="checkbox"/> Dragon/HTGR Rpts. (to UK)</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 8 <input checked="" type="checkbox"/> Dragon/HTGR Rpts. (from UK)</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 8 <input checked="" type="checkbox"/> Bi-Weekly Activities Rpt.</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 10 <input checked="" type="checkbox"/> Conferences - Symposia</p>	<p>1/64 - 8/64</p> <p>12/63 - 12/64</p> <p>1/64 - 12/64</p> <p>1/64 - 12/64</p> <p>1/64 - 12/64</p> <p>1/64 - 2/64</p> <p>1/64 - 10/64</p>		<p><i>Box # 82</i></p>
<p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 12 <input checked="" type="checkbox"/> IAEA</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 21 <input checked="" type="checkbox"/> Dragon</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 21-1 <input checked="" type="checkbox"/> PRNC</p> <p><input checked="" type="checkbox"/> INTERNATIONAL AFFAIRS 21-1 <input checked="" type="checkbox"/> PRNC Weekly Highlights</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3 <input checked="" type="checkbox"/> Radiation</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3-2 <input checked="" type="checkbox"/> Hazards</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3-2 <input checked="" type="checkbox"/> Project Siftor</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3-2 <input checked="" type="checkbox"/> Reactor Safety</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3-2 <input checked="" type="checkbox"/> Reactor Safety G. E.</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3-2 <input checked="" type="checkbox"/> Reactor Safety G. E. - Fast Spectrum</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3-2 <input checked="" type="checkbox"/> Reactor Safety G.E. - Maritime</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3-2 <input checked="" type="checkbox"/> Reactor Safety (MPRE)</p> <p><input checked="" type="checkbox"/> MEDICINE, HEALTH &amp; SAFETY 3-2 <input checked="" type="checkbox"/> G.E. Nuclear Test Gauge</p>	<p>1/64 - 12/64</p> <p>1/64 - 12/64</p> <p>1/64 - 10/64</p> <p>1/64 - 12/64</p> <p>12/64</p> <p>4/63 - 9/64</p> <p>12/62 - 1/64</p> <p>12/63 - 11/64</p> <p>10/63 - 12/64</p> <p>2/64 - 12/64</p> <p>5/63 - 12/64</p> <p>6/64 - 8/64</p> <p>3/64 - 5/64</p>		<p><del>H 2783</del></p> <p><i>Box # 83</i></p> <p><i>All Classified</i></p>

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
<i>41284</i>			
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ HFIR	5/64 - 9/64	<i>Box # 84</i>
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ Reactor Safety - MSRE	1/64 - 11/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ Nuclear Safety Pilot Plant	11/63 - 4/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ Reactor Safety - HPRR	5/63 - 12/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ ORNL - Neutron Physics Div.	5/64 - 10/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ ORNL-Operations Div. Reactors	3/64 - 10/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ ORNL - BSF	4/57 - 10/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ ORNL - LITR	4/64 - 9/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ ORNL Critical Facility	10/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ Reactor Safety - ORR	11/63 - 9/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ ORNL - TSF	10/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ PRNC	3/64 - 12/64	
✓ MEDICINE, HEALTH & SAFETY	3-2 ✓ Reports List	5/64	
✓ MEDICINE, HEALTH & SAFETY	3-9 ✓ Accidents	1/64 - 12/64	
✓ MEDICINE, HEALTH & SAFETY	6 ✓ Standards & Regulations	3/64	
✓ MEDICINE, HEALTH & SAFETY	8 ✓ ORO Accident Experience Rpts.	1/64 - 12/64	
✓ MEDICINE, HEALTH & SAFETY	11 ✓ Industrial Hygiene	8/64	
✓ MEDICINE, HEALTH & SAFETY	16 ✓ Safety & Fire Protection	1/64 - 11/64	
✓ MEDICINE, HEALTH & SAFETY	16-17 ✓ Appraisal, Surveys, Inspection	1/64 - 11/64	
✓ MEDICINE, HEALTH & SAFETY	20 ✓ Sanitation	12/63 - 1/64	

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Transferring Office	Transfer Authorized By (Signature)	Date	Volume of Records
Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<ul style="list-style-type: none"> <li>✓ REACTOR DEVELOPMENT 1 ✓ General Policy</li> <li>✓ REACTOR DEVELOPMENT 2 ✓ Core</li> <li>✓ REACTOR DEVELOPMENT 2 ✓ Graphite</li> <li>✓ REACTOR DEVELOPMENT 3 ✓ Irradiation Requirements</li> <li>✓ REACTOR DEVELOPMENT 3 ✓ Fuel (General)</li> <li>✓ REACTOR DEVELOPMENT 3 ✓ Thorium</li> <li>✓ REACTOR DEVELOPMENT 3 ✓ NRTS</li> <li>✓ REACTOR DEVELOPMENT 3-1 ✓ Fuel Elements</li> </ul>	<p style="text-align: center;"><i>[Handwritten Signature]</i></p> <ul style="list-style-type: none"> <li>7/64 - 8/64</li> <li>4/64</li> <li>1/64 - 4/64</li> <li>3/64 - 11/64</li> <li>4/64 - 12/64</li> <li>1/64 - 12/64</li> <li>1/64 - 11/64</li> <li>12/63 - 11/64</li> </ul>		<p style="text-align: center;"><i>Box # 84</i></p>
<ul style="list-style-type: none"> <li>✓ REACTOR DEVELOPMENT 3-2 ✓ Fuel Studies -Hi Temp.</li> <li>✓ REACTOR DEVELOPMENT 3-2 ✓</li> <li>✓ REACTOR DEVELOPMENT 3-3 ✓ Fuel Development</li> <li>* ✓ REACTOR DEVELOPMENT 3-4 ✓ Fuel Processing</li> <li>✓ REACTOR DEVELOPMENT 6 ✓ Shielding</li> <li>✓ REACTOR DEVELOPMENT 7-1 ✓ Instrumentation</li> <li>* ✓ REACTOR DEVELOPMENT 7-2 ✓ Non-Nuclear Components</li> <li>* ✓ REACTOR DEVELOPMENT 8 ✓ Reports (Mar. -Dec.)</li> <li>✓ REACTOR DEVELOPMENT 8 ✓ Reports (Jan. - Feb.)</li> <li>✓ REACTOR DEVELOPMENT 8 ✓ Reactor Table</li> <li>✓ REACTOR DEVELOPMENT 8 ✓ AECL</li> </ul>	<ul style="list-style-type: none"> <li>1/63 - 11/64</li> <li>1/64 - 12/64</li> <li>10/63 - 12/64</li> <li>3/64 - 10/64</li> <li>12/63 - 6/64</li> <li>12/63 - 8/64</li> <li>12/63 - 12/64</li> <li>2/64 - 12/64</li> <li>1/64 - 2/64</li> <li>5/64 - 6/64</li> <li>1/64 - 12/64</li> </ul>		<p style="text-align: center;"><i>[Handwritten Signature]</i></p> <p style="text-align: center;"><i>Box # 85</i></p>
<ul style="list-style-type: none"> <li>✓ REACTOR DEVELOPMENT 8 ✓ Foreign Reactor Dev. Activities Highlight Rpt.</li> <li>✓ REACTOR DEVELOPMENT 9 ✓ Container - Pressure Vessel</li> </ul>	<ul style="list-style-type: none"> <li>1/64 - 7/64</li> <li>2/64 - 12/64</li> </ul>		<p style="text-align: center;"><i>[Handwritten Signature]</i></p> <p style="text-align: center;"><i>Box # 86</i></p>

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Description (title of each folder, binder, or filing unit)		Inclusive Dates (Mo., year)	Retention Schedule No.
✓ REACTOR DEVELOPMENT	9 ✓ Reactor Containment Handbook (2 Jackets)	1/64 - 6/64	- - Box 86
REACTOR DEVELOPMENT	10-1 BONUS General	3/63 - 7/64	
REACTOR DEVELOPMENT	10-1 BONUS Budget	4/63 - 12/64	
REACTOR DEVELOPMENT	10-1 BONUS Communications & Records	7/64	
REACTOR DEVELOPMENT	10-1 BONUS Contracts	9/64 - 11/64	
REACTOR DEVELOPMENT	10-1 BONUS Equipment & Supplies	6/63 - 8/64	
REACTOR DEVELOPMENT	10-1 BONUS Industrial Dev. & Reg. 1964	1/64 - 12/64	
REACTOR DEVELOPMENT	10-1 BONUS IDR 1963	10/63 - 12/63	
REACTOR DEVELOPMENT	10-1 BONUS Inf. & Publication	3/64 - 12/64	
REACTOR DEVELOPMENT	10-1 BONUS Material	1/64 - 6/64	
REACTOR DEVELOPMENT	10-1 BONUS Medicine, Health, Safety	3/62 - 12/64	
REACTOR DEVELOPMENT	10-1 BONUS Organization & Management	5/62 - 10/64	
REACTOR DEVELOPMENT	10-1 BONUS PLBL	10/64	
REACTOR DEVELOPMENT	10-1 BONUS Personnel	9/61 - 12/64	
REACTOR DEVELOPMENT	10-1 BONUS PLBL 4	1/64 - 12/64	
REACTOR DEVELOPMENT	10-1 BONUS PLBL-7 (July - Dec.)	5/64 - 12/64	
REACTOR DEVELOPMENT	10-1 BONUS PLBL-7 (Jan. - June)	12/61 - 6/64	
REACTOR DEVELOPMENT	10-1 BONUS PLBL-7 Testing	2/64 - 10/64	
REACTOR DEVELOPMENT	10-1 BONUS PLBL-7 Tech. Specs	9/63 - 7/64	
REACTOR DEVELOPMENT	10-1 BONUS PLBL-7 Post Const. R&D & Oprns. Analysis	1/64 - 10/64	

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
<del>REACTOR DEVELOPMENT 10-1 BONUS PLBL-7 Checkout Proced.</del>		1/63 - 10/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS PLBL-7 Operating Proced.</del>		1/64 - 12/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS PLBL-7 Criticality Procedures</del>		3/64 - 5/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS PLBL-8</del>		8/62 - 12/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS PLBL-8 Actual &amp; Prop. Schedules</del>		7/60 - 10/63	
<del>REACTOR DEVELOPMENT 10-1 BONUS PLBL-12 Power</del>		11/64 - 12/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS RD 7-1 (Jan. thru Mar.)</del>		4/63 - 3/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS RD 7-1 (Apr. thru Dec.)</del>		4/64 - 12/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS RD 7-2 Non-Nuclear Comp.</del>		2/64 - 9/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS RD 8 Rpts. Corresp.</del>		1/64 - 12/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS RD 8 Breakdown of Serv.</del>		1/64 - 4/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS RD 9 Containers</del>		1/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS Research &amp; Development</del>		8/63 - 8/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS Security</del>		11/64	
<del>REACTOR DEVELOPMENT 10-1 BONUS Transportation</del>		1/64 - 6/64	
<del>REACTOR DEVELOPMENT 10-1 General</del>		4/64	
<del>REACTOR DEVELOPMENT 10-2 Heavy Water</del>		1/64 - 12/64	
<del>REACTOR DEVELOPMENT 10-3 Fast Breeder</del>		2/64 - 12/64	
<del>REACTOR DEVELOPMENT 10-3 Sodium Cooled</del>		2/64 - 7/64	
<del>REACTOR DEVELOPMENT 10-5 Gen. Gas Cooled</del>		5/64 - 8/64	

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*Box # 86*



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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)	Retention Schedule No.	
<i>AK 2287</i>			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR (General)	10/63 - 12/64	<i>Box # 87</i>	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Budget	12/63 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Communications & Records	7/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Contracts	6/63 - 7/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Equipment & Supplies	3/64 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR IDR	7/64 - 9/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Inf. & Publications	9/63 - 9/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Materials	3/64 - 9/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Med., Health & Safety (May thru Dec.)	6/64 - 11/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Med., Health & Safety (April thru May)	3/64 - 5/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Med., Health & Safety (Jan. thru Mar.)	3/61 - 3/64	<i>AK 2288</i> <i>Box # 88</i>	
Book 1, ✓ Book 2, ✓ Book 3, ✓ Book 4 - ✓ EGCR Hazards Summary Report			
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Organization & Management	11/63 - 12/64	<i>AK 2289</i>	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR O & M (Committees)	6/61 - 10/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Personnel	8/63 - 12/64	<i>Box # 89</i>	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL	5/64 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-4 Design & Cons't.	9/63 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL 4-6 Work Orders	1/64 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Operations	6/63 - 11/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 (TVA Rpts.)	1/64 - 12/64		

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Test Procedures (June thru Dec.)	6/64 - 12/64	<i>Handwritten signature</i> Box # 89	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Test Procedures (Jan. thru May)	7/63 - 5/64		
Volumes I, II, III, IV, EGCR Test Procedure No. 25, Phase III		<i>Handwritten signature</i> Box # 90	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Engineering Analysis Studies	9/64 - 10/64	<i>Handwritten signature</i>	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Operating Manuals	1/63 - 12/64	Box # 91	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Test Verifications	10/64 - 11/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-7 Testing	2/64 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL 7-8 Operating Rpts.	1/64 - 11/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-8 Cons't. Progress	1/64 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR PLBL-12 Power	1/64 - 8/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-2 Core	5/64 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-2 Graphite	1/64 - 9/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-3 Fuel	1/64 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-5 Coolant	1/63		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-6 Shielding	3/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-1 Control System	1/64 - 12/64		
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Non-Nuclear Components	1/64 - 12/64	<i>Handwritten signature</i>	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 7-2 Blower-Seal Dev.	1/64 - 12/64	Box # 92	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD 8 Rpts. Corresp.	4/63 - 12/64		

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✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-8 (A+C Studies)		2/63 - 8/63	BOL #92
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-9 Container (June thru Dec.)		6/64 - 12/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR RD-9 Container (Jan. - May)		12/63 - 4/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Research & Development		2/64 - 5/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ EGCR Security		2/64 - 11/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR General		4/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR Contracts		8/64 - 9/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR Information & Publications		4/64 - 12/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR Med., Health & Safety		2/64 - 11/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR O&M		4/64 - 12/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR PLBL-8		6/64 - 10/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR RD 7-2		12/63 - 1/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR RD 7-2 (Gail Loop, Target)		6/63 - 12/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR RD 8 (Reports)		1/64 - 12/64	BOL #93
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR R&D		3/64 - 12/64	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR RD-3 1963		3/63 - 8/63	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR RD 7-2 (Gail Loop, Target) 1963		1/63 - 12/63	
✓ REACTOR DEVELOPMENT 10-5 ✓ HTGR PLBL-4 1962		11/61 - 7/62	

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<p><del>HTGR</del></p> <p>✓ REACTOR DEVELOPMENT 10-5 HTGR 1961 ✓</p> <p>✓ REACTOR DEVELOPMENT 10-5 HTGR (1959 &amp; 1960) ✓</p> <p>✓ REACTOR DEVELOPMENT 10-5 ✓ Advanced Gas Cooled Reactor</p> <p>* REACTOR DEVELOPMENT 10-6 ✓ Molten Salt</p> <p>✓ REACTOR DEVELOPMENT 21 ✓ Training</p> <p>✓ REACTOR DEVELOPMENT 22-1 ✓ Power Demonstration Reactors</p> <p>✓ REACTOR DEVELOPMENT 21 ✓ Army Reactors</p> <p>✓ REACTOR DEVELOPMENT 26 ✓ Maritime Reactors</p> <p>* REACTOR DEVELOPMENT 27 ✓ Rocket Propulsion</p>	<p>10/59 - 10/61</p> <p>7/59 - 12/60</p> <p>12/63 - 12/64</p> <p>12/62 - 12/64</p> <p>11/63 - 12/64</p> <p>3/64 - 11/64</p> <p>1/64 - 10/64</p> <p>3/64 - 12/64</p> <p>1/64 - 11/64</p>		<p>Box #94</p>
<p>✓ REACTOR DEVELOPMENT 29 ✓ Auxiliary Power Sources</p> <p>✓ REACTOR DEVELOPMENT 31 ✓ Test Reactor (Kema)</p> <p>✓ REACTOR DEVELOPMENT 32 ✓ HFIR</p> <p>✓ REACTOR DEVELOPMENT 32 ✓ Research, Teaching (ORR)</p> <p>REACTOR DEVELOPMENT 3-2 ✓ Pebble Bed Rpts. as follows:</p>	<p>4/63 - 12/64</p> <p>5/63 - 12/64</p> <p>12/63 - 12/64</p> <p>12/63 - 9/64</p>		<p><del>HTGR</del></p>
<p>✓ S&amp;P 1964-8 ✓</p> <p>✓ S&amp;P 1964-11 ✓</p> <p>✓ S&amp;P 1964-16 ✓</p> <p>✓ S&amp;P 1964-15 ✓</p> <p>✓ S&amp;P 1964-17 ✓</p> <p>✓ S&amp;P 1964-18 ✓</p> <p>✓ S&amp;P 1964-20 ✓</p> <p>✓ S&amp;P 1964-22 ✓</p> <p>✓ S&amp;P 1964-23 ✓</p> <p>✓ S&amp;P 1964-25 ✓</p> <p>✓ S&amp;P 1964-26 ✓</p> <p>✓ S&amp;P 1964-27 ✓</p> <p>✓ S&amp;P 1964-30 ✓</p> <p>✓ S&amp;P 1964-31 ✓</p> <p>✓ S&amp;P 1964-32 ✓</p> <p>✓ S&amp;P 1964-33 ✓</p>	<p>✓ S&amp;P 1965-3 ✓</p> <p>✓ S&amp;P 1965-7 ✓</p> <p>✓ S&amp;P 1965-9 ✓</p> <p>✓ S&amp;P 1965-10 ✓</p> <p>✓ S&amp;P 1965-12 ✓</p> <p>✓ S&amp;P 1965-11 ✓</p> <p>✓ S&amp;P 1965-15 ✓</p> <p>✓ S&amp;P 1965-16 ✓</p> <p>✓ S&amp;P 1965-17 ✓</p> <p>✓ S&amp;P 1965-18 ✓</p> <p>✓ S&amp;P 1965-20 ✓</p> <p>✓ S&amp;P 1965-22 ✓ + 23 ✓</p> <p>✓ S&amp;P 1965-24 ✓</p> <p>S&amp;P 1963, Parts I &amp; II ✓</p> <p>S&amp;P 1963, Part III, Cy. 14 ✓</p>		<p><del>HTGR</del></p> <p>Box #95</p>

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Description (title of each folder, binder, or filing unit)	Inclusive Dates (Mo., year)		Retention Schedule No.																				
<p>REACTOR DEVELOPMENT 3-2 Pebble Bed Rpts. (Continued)</p> <table><tr><td><input checked="" type="checkbox"/> NYO - 9058</td><td><input checked="" type="checkbox"/> ORNL-TM-314</td></tr><tr><td><input checked="" type="checkbox"/> NYO - 9060</td><td><input checked="" type="checkbox"/> ORNL-TM-201</td></tr><tr><td><input checked="" type="checkbox"/> NYO - 9061</td><td><input checked="" type="checkbox"/> ORNL-CF-60-12-5</td></tr><tr><td><input checked="" type="checkbox"/> NYO - 9062</td><td><input checked="" type="checkbox"/> ORNL-CF-60-12-5 Revised</td></tr><tr><td><input checked="" type="checkbox"/> NYO - 9063</td><td><input checked="" type="checkbox"/> ORNL-CF-60-10-63</td></tr><tr><td><input checked="" type="checkbox"/> NYO - 9064</td><td><input checked="" type="checkbox"/> ORNL-CF-60-10-63 Revised</td></tr><tr><td><input checked="" type="checkbox"/> NYO - 9070</td><td></td></tr><tr><td><input checked="" type="checkbox"/> NYO - 9071</td><td></td></tr><tr><td><input checked="" type="checkbox"/> NSEC - 47</td><td></td></tr><tr><td><input checked="" type="checkbox"/> NYO - 9068</td><td></td></tr></table>	<input checked="" type="checkbox"/> NYO - 9058	<input checked="" type="checkbox"/> ORNL-TM-314	<input checked="" type="checkbox"/> NYO - 9060	<input checked="" type="checkbox"/> ORNL-TM-201	<input checked="" type="checkbox"/> NYO - 9061	<input checked="" type="checkbox"/> ORNL-CF-60-12-5	<input checked="" type="checkbox"/> NYO - 9062	<input checked="" type="checkbox"/> ORNL-CF-60-12-5 Revised	<input checked="" type="checkbox"/> NYO - 9063	<input checked="" type="checkbox"/> ORNL-CF-60-10-63	<input checked="" type="checkbox"/> NYO - 9064	<input checked="" type="checkbox"/> ORNL-CF-60-10-63 Revised	<input checked="" type="checkbox"/> NYO - 9070		<input checked="" type="checkbox"/> NYO - 9071		<input checked="" type="checkbox"/> NSEC - 47		<input checked="" type="checkbox"/> NYO - 9068				Bolt#95
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