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	•	(b)(3) 10 USC 424			
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DTG : 011804Z FE8 91

FROM: NMIST ARCENT NMIST CENTCOM

TO: INFO: NMIST DIA

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## SECRET NOFORN

SUBJ: RII 1926, IRAQI CHEMICAL CAPABILITIES

- Duc 031955 L 1. (U) PRIORITY: IV
- CHO ARCENT/(b)(3) 10 USC 424 (U) REQUESTOR:
- 3. (9/NF) JUSTIFICATION: TO DETERMINE THE IRACI CAPABILITY AND TO ATTEMPT TO ESTABLISH A TIME FRAME IN WHICH WE CAN ASCERTAIN THAT SADDAM'S THREAT TO USE CHEMICALS WILL BE RENDERED INEFFECTIVE AND TO DETERMINE THE TIME FRAME OF HIGHEST PROBABILITY OF CHEMICAL USE.
- 4. LS/NFT SINCE WE HAVE DESTROYED MOST OF THE CHEMICAL PRODUCTION FACILITIES WE KNOW THE NERVE AGENTS ARE PERISHABLE. HOW MUCH OF HIS INVENTORY WOULD BE INEFFECTIVE BY FEB. 16, FEB. 28, MARCH 15, MARCH 31, APRIL 15. IN YOUR ESTIMATION USE REMAINING PERCENTAGE AS WELL AS METRIC TONS TO HELP US TO EFFECTIVELY DETERMINE THE DEPLETION OF HIS CHEMICAL POTENTIAL. 5. (U) APPROVED BY: CMO ARCENT

DECL: OADR

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(b)(3) 10 USC 424

Page 2 of 5

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RESPOND TO TASK 4065

PASS TO THE ITF OPS OFFICER

3 FEB 91 2030 SENT BY: COOKIE DISK #19

FROM: NMIST DIA

VIA: NMIST NET

TO: NMIST ARCENT

NMIST CENTCOM

SECRET NOFORN (b)(3) 10

SUBJ: IRAQI CHEMICAL CAPABILITIES (RII-1926 (U)

REF: MSG, NMIST ARCENT TO NMIST CENTCOM, DTG 011804Z FEB 91.

(S/NF) DIA BELIEVES THAT IRAQ'S NERVE AGENT STOCKS WILL BE USELESS AFTER 31 MARCH 1991. THIS IS BASED ON THE EXPECTED DESTRUCTION OF IRAQ'S REMAINING CHEMICAL AGENT AND PRECURSOR PRODUCTION PLANTS AT SAMARRA AND HABBANIYAH. AT PRESENT, SOME OF THESE PLANTS HAVE NOT BEEN DESTROYED AND MAY STILL BE PRODUCING AGENT.

(S/NF) ASSUMING THE PLANTS ARE DESTROYED BY MID-FEBRUARY, ALL UNITARY NERVE AGENT STOCKS SHOULD BE UNSERVICEABLE BY THE END OF MARCH. THE AGENT IS ASSESSED TO BE POOR QUALITY, RESULTING FROM LOW PURITY DUE TO POOR IRAQI CHEMICAL ENGINEERING PRACTICES.

(S/NF) IRAQ COULD RETAIN CHEMICAL WEAFONS AFTER THE 31 MARCH DATE, WITH NERVE AGENT IN A BINARY CONFIGURATION AND UNITARY MUSTARD. DIA ASSESSES THAT THE INTRODUCTION OF BINARY HAS BEEN LIMITED THUS FAR, AND THAT THE MUSTARD IS ALSO LOW IN PURITY.

(S/NF/WN) SOME OF IRAQ'S NERVE AGENT STOCKS, MADE DURING DECEMBER 1990 AND EARLY JANUARY 1991, ARE PROBABLY ALREADY BECOMING UNUSABLE, LEAVING IRAQ WITH A "USE-IT-OR-LOSE-IT" PROBLEM. IRAQ HAS ONLY LIMITED MEANS AVAILABLE TO DELIVER CHEMICALS AT PRESENT, HOWEVER.

(S/NF) THE MUNITIONS THEY HAVE AVAILABLE FOR REACHING ALLIED FORCES NOW ARE LIMITED TO AERIAL BOMBS AND MISSILE WARHEADS. THE NUMBER OF MISSILE WARHEADS IS ASSESSED TO BE LIMITED, SO THAT CHEMICAL USE COULD NOT BE SUSTAINED BY THIS TYPE OF DELIVERY. THE LIMITED PAYLOAD AND ACCURACY OF IRAQI MISSILES MAKES THEM SUITABLE ONLY FOR TERRORIST, RATHER THAN MILITARY USE. ALLIED AIR SUPREMACY MAKES THE DELIVERY OF CHEMICAL AGENTS BY IRAQ'S AIR FORCE AN UNCERTAIN PROSPECT AT BEST.

(S/NF) WITHOUT HAVING CONTACT WITH ALLIED FORCES, IRAQ'S ARTILLERY AND MULTIPLE ROCKET LAUNCHERS CANNOT DELIVER CHEMICALS EFFECTIVELY SINCE THE LOCATION OF ALLIED FORCES IS UNKNOWN.

(S/NF) THUS FAR, IRAQ HAS CALCULATED THAT THE BENEFITS OF USING CHEMICALS ARE INADEQUATE. IRAQ WILL RETAIN A SIGNIFICANT CHEMICAL CAPABILITY WHICH MAY WELL BE USED TO STOP AN ALLIED ATTACK ON THEIR PREPARED POSITIONS IN SOUTHERN KUVAIT. (S/NF) IN REPLY TO SPECIFIC POINTS RAISED IN THIS INQUIRY, THE SIZE OF THE IRAQI STOCKPILE IS NOT KNOWN WITH CERTAINTY. BASED ON THEIR PRODUCTION RATES AND PAST PRACTICE, THEY COULD HAVE A STOCKPILE OF 300 TO 1000 AGENT TONS OF ALL TYPES OF AGENTS. BY 15 FEBRUARY SOME OF IRAQ'S NERVE AGENT STOCKS WILL BE UNUSABLE, BUT MUSTARD AND POSSIBLY BLOOD AGENT STOCKS WILL REMAIN VIABLE FOR MONTHS. COMPLETE DETERIORATION OF UNITARY NERVE AGENT STOCKS IS EXPECTED BY 31 MARCH. SOME DELIVERY OF NERVE AGENT COULD STILL BE POSSIBLE AFTER THAT TIME USING THE LIMITED BINARY STOCKFILE IRAQ IS ESTIMATED TO HAVE.

(S/NF) COMMANDERS SHOULD BE PREPARED FOR CHEMICAL ATTACKS AT AMY TIME. IF IRAQ IS ABLE TO EFFECTIVELY TARGET ALLIED FORCES, CHEMICAL ATTACKS USING ALL AGENTS IN THE IRAQI INVENTORY COULD OCCUR THROUGH THE MONTH OF FEBRUARY. NERVE AGENT DELIVERY CAPABILITY WILL BE CURTAINED BUT NOT ELIMINATED IN LATE FEBRUARY AND EARLY MARCH. BY THE END OF MARCH, ALL OF IRAQ'S UNITARY NERVE AGENT STOCKS ARE

EXPECTED TO BECOME USELESS. DECL OADR

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TASK RECORD OF ACTIONS

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RECORD OF ACTION (notes, problems)

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