

ACTION TEAM CONFIDENTIAL**Record of Monitoring Inspection - Qa_Qaa**

NMG No	NVG-0204	Announced	No	Date	2008-01-14
Category	02/05	Declared Site	Yes	Type	NMG
FIS Code	Qa_Qaa				
Site Name	Al Qa Qaa State Company				
IAEA Inspectors	Cherradi, Ibrahim Pahadin Gemady Ratnalinga, Ajita Russell, John Jay Yonemura Miharuru				
NMD Minders	Mohammed				
Iraq Site Staff	Omar Al Khoja				
Site Status	Operational				

Inspection Objective and Site Observations**Objective.**

— To verify the inventory of HMX under Agency seal and the RMX and the PETN.

Meeting and Site Observations:

A short meeting was held with Omar Al Khoja, the liaison officer, NMD minders and some other site staff members. The liaison officer confirmed that the HMX material in this site is stored in 9 different ammunition bunkers sealed with agency metal seals as well as the RMX and the PETN materials in another non-sealed bunker.

Material Inventory

The contents of nine bunkers (34, 35, 37, 38, 41, 49, 50, 51, 59), all with the front entrance doors sealed by Agency seal, were 100% item counted. Four lots of HMX identified with their shape, weight and manufacturing countries were accounted for.

- 1) Rectangular wooden box (~30x40x50 cm³) of 35 kg originating from China.
- 2) Cubic wooden box (~40x40x40 cm³) of 30 kg originating from Yugoslavia.
- 3) Cylindrical carton drum (~240cm x 70cm) of 50 kg originating from Yugoslavia, and
- 4) Cubic carton box (~ 40x40x40 cm³) of 25 kg originating from France.

Sampling

Four HMX material samples of about 2 g each were randomly taken in plastic bottles (IAEA-78179, 78150, 78115 and 78117), and left in a DOT 17C container under Agency metal seal number 221079 in bunker number 37, along with previously collected samples. Samples for reference (IAEA-78116, 78118) were handed over to NMD.

Weighing

7 of the boxes of HMX were weighed using an operator scale. The item weights declared were in agreement with the results of the weighing, despite the poor weighing accuracy of the scale. One environmental sample was taken in bunker 59 (IAEA-CL 2370). Sample for reference was handed over to NMD.

Sealing

All the 9 HMX bunkers were sealed after the verification by attaching metal seals on their front entrance doors.

Of note was that the sealing on the bunkers was only partially effective because each bunker had ventilation shafts on the sides of the buildings. These shafts were not sealed, and could provide removal routes for the HMX while leaving the front door locked.

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Results of the material inventory

The total inventory of HMX was established at 194741 kg, the RDX at 3080 kg and the PETN at 3500 kg as declared without discrepancy.

Summary table

HMX (total material in site 194,741 kg)

^{#s}
Bunker Seal Verification details
50/221075 One Sample Bottle IAEA-78179 of HMX

Material Origin	Type of Container	Number of Items	Net weight per Item (Kg)	Total Net weight (Kg)
Yugo Drum	384 50	19,700		
China Wood Box	29 35	1,015		
Total material in bunker (20,715 kg)

Bunker Seal Verification details
51/221074

Material Origin	Type of Container	Number of Items	Net weight per Item (Kg)	Total Net weight (Kg)
Yugo Drum	500 50	25,000		
France Paper Box	80 25	2,000		
Total material in bunker (27,000 kg)

Bunker Seal Verification details
58/221073 Sample Bottle IAEA-78180 of white powder on floor. A composite Swipe Sample of the floor was also done with IAEA-CL 2970

Material Origin	Type of Container	Number of Items	Net weight per Item (Kg)	Total Net weight (Kg)
Yugo Drum	00 50	4,000		
Total material in bunker (4,000)

Bunker Seal Verification details
41/221072 Random Sample of 1 Drum weighed 55.7KG Gross (Tare weight is 8 KG for 1 drum)
Random sample of 2 boxes together 78Kg Gross (Tare weight is 29.2 kg for 2 boxes)

Material Origin	Type of Container	Number of Items	Net weight per Item (Kg)	Total Net weight (Kg)
Yugo Drum	200 50	10,000		
Yugo Wood Box	501 30	15,030		
Total material in bunker (25,030)

Bunker Seal Verification details
48/221071

Material Origin	Type of Container	Number of Items	Net weight per Item (Kg)	Total Net weight (Kg)
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Origin Container of Items per Item Kg in Bunker Kg
Yugo Drum 450 50 22500
China Wood Box 28 35 980
China Wood Box 1 8 8
Total material in bunker (23,488

Bunker Seal Verification details
35/221076

Material Type of Number Net weight Total Net weight
Origin Container of Items per Item Kg in Bunker Kg
Yugo Drum 20 50 1,000
Yugo Wood Box 508 30 15,240
China Wood Box 245 35 8,575
Total material in bunker (24,815

Bunker Seal Verification details
34/221080

Material Type of Number Net weight Total Net weight
Origin Container of Items per Item Kg in Bunker Kg
Yugo Drum 499 50 24,950

Total material in bunker (24,950

Bunker Seal Verification details
38/221167 Random Sample of 1 carton box weighed 28.2 KG Gross (Tare weight is 1.1 KG for 1 carton box) Random sample of 1 wooden box with one carton box weighed 70.2Kg Gross (Tare weight is 1.1 KG + 8.2 KG for 1 carton box and one wooden box

Material Type of Number Net weight Total Net weight
Origin Container of Items per Item Kg in Bunker Kg
France Paper Box 642 28 21,000
China Wood Box 115 35 4,025
Total material in bunker (24,950

Bunker Seal Verification details
37/221087 Four HMX material samples of about 2 g each were randomly taken in plastic bottles (IAEA-78179, 78150, 78115 and 78117), and left in a DOT 17C container under Agency metal seal number 221079 in bunker number

Material Type of Number Net weight Total Net weight
Origin Container of Items per Item Kg in Bunker Kg
France Paper Box 627 25 15,675
France Paper Box 1 3 3
China Wood Box 114 35 3,990
Total material in bunker (19,668

RDX (total material in site 3080 kg)

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Bunker Seal Verification details

47 no seal

Material	Type of	Number	Net weight	Total Net weight	
Origin	Container	of Items	per Item	Kg in Bunker	Kg
Yugo Drum	77	40	3,080		
Total material in bunker (3,080					

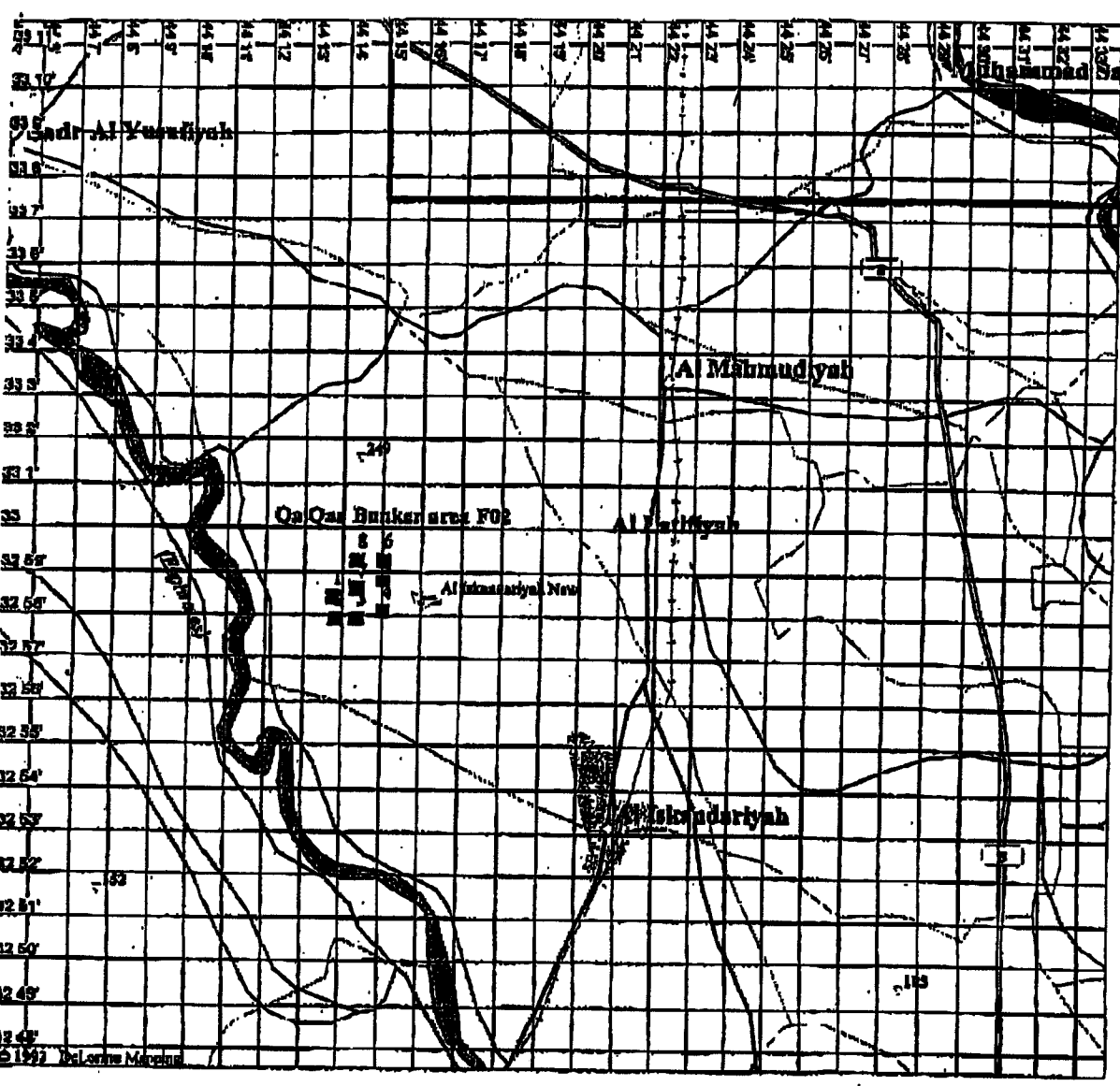
PETN(total material in site 3500 kg, declared)

Bunker Seal Verification details

47 no seal Visual observation. No item counting

Material	Type of	Number	Net weight	Total Net weight	
Origin	Container	of Items	per Item	Kg in Bunker	Kg
China Wood Box					
Total material in bunker (3500					

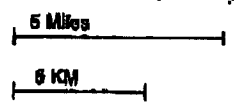
Please note that only changes have been recorded



LEGEND

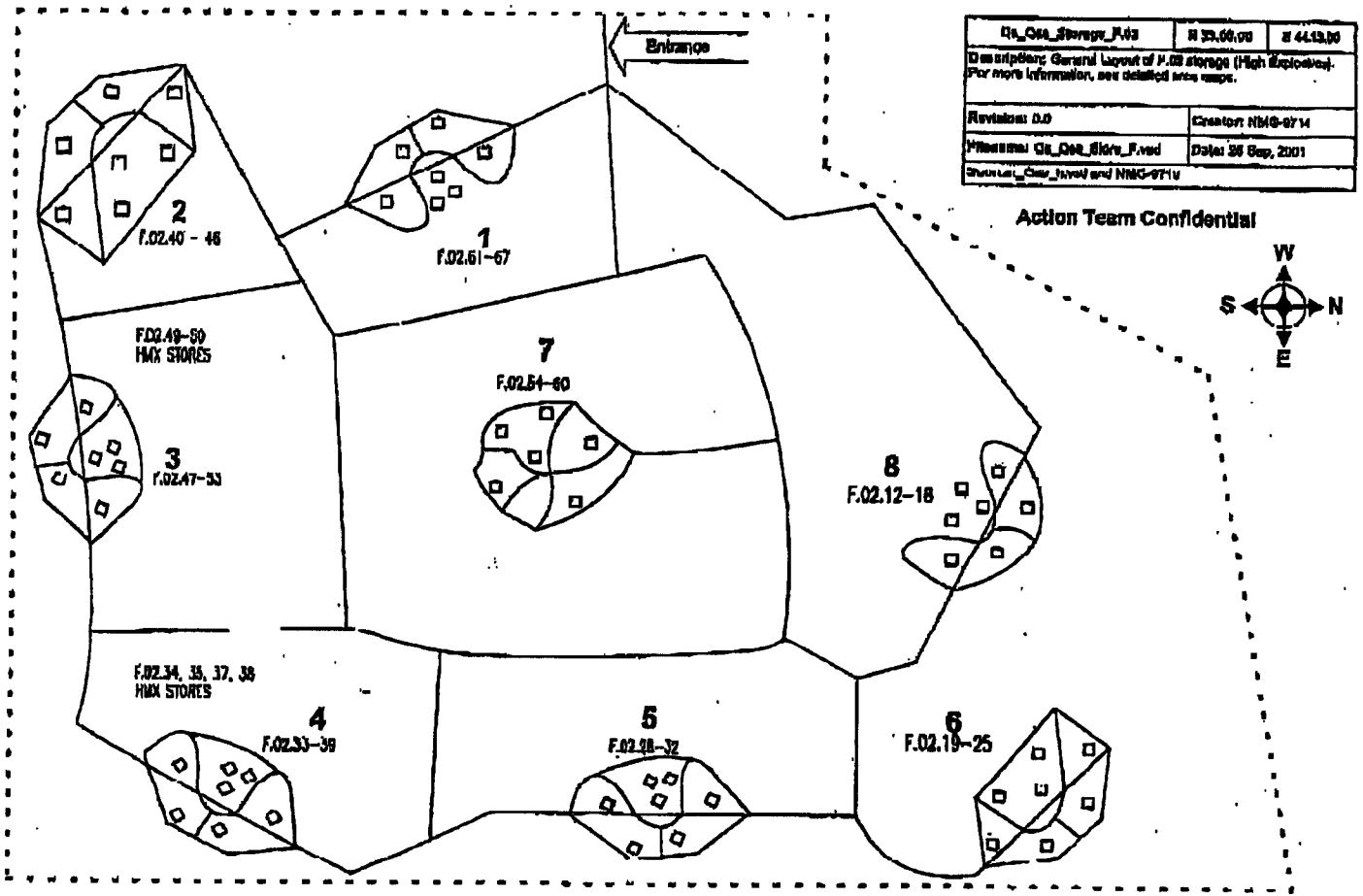
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- Large City
- Spot Elevation
- Limits of Data
- Field
- Population Center
- Local Road
- Secondary Road
- Primary Road
- Railroad
- River
- Open Water

Scale 1:250,000 (at center)



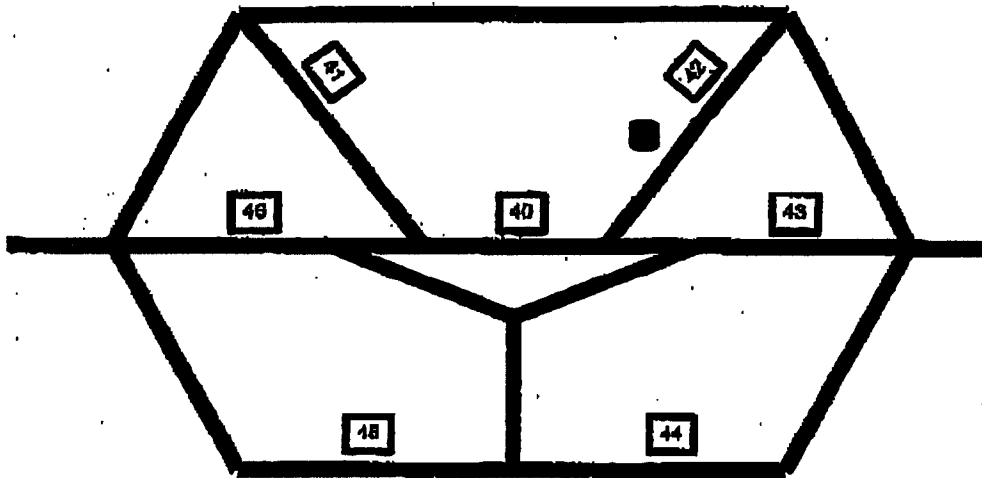
May 11, 00
Tue Jul 29 14:43:45 1997

Bunker Storage
 Qa-Qaa
 (NMG 9710-FM)



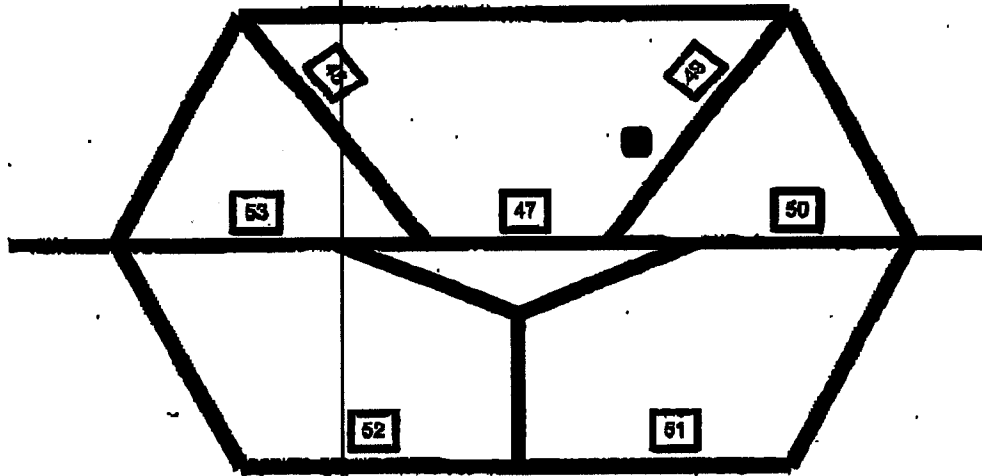
GA_Cas_Storage_F.vad	N 33 87.04	S 44 13.48
Dipole/Star F.E storage (High Explosive), Bunker No. 2 (West Bunk).		
Revision: 0.2	Checked: NMG-8714	
Filename: GA_Cas_Star_F.vad	Date: 28 Sep, 2001	
Source: Cas_Inv and NMG-8710		

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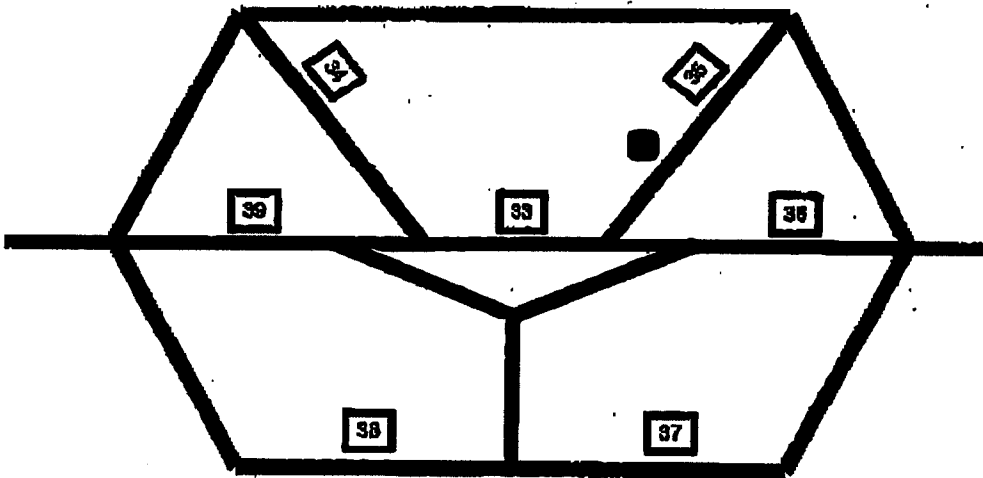
Doc. Class Storage_F.02	N32BY55	5441421
Description: F.02 (10'x10' High Explosive), Marker No. 3 (CANNON BALLS)		
Revision: 0.0	Created: NMS-9714	
Filename: Doc_Class_Storage_F.02	Date: 30 Sep, 2001	
Supporting Docs: J-100 and NMS-9710		

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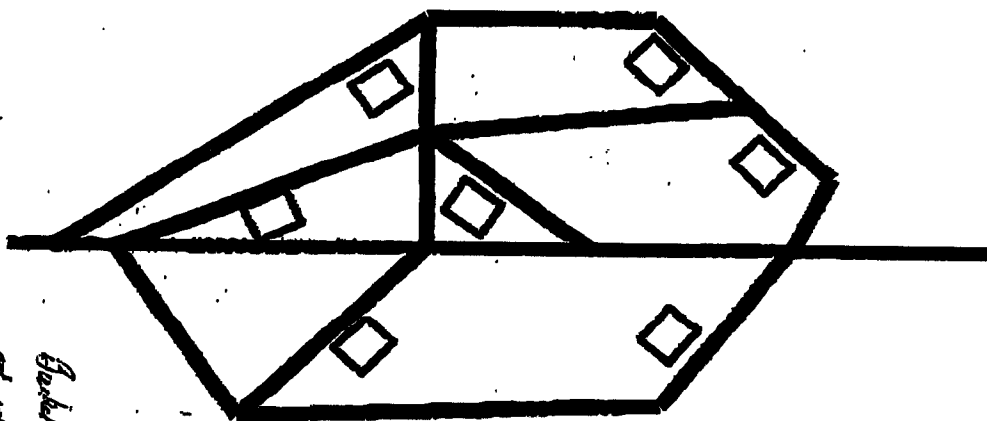
On_Own_Storage_F.02	N 32.58.85	E 44.15.01
Description: F.02 storage (High Explosives), Bunker No: 4 (plus Coak).		
Revision: 0.0	Contract NMS-0714	
Filename: On_Own_Storage_F.02	Date: 28 Sep, 2001	
Source: On_Own_Storage and NMS-0714		

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Ch_Cen_Storage_F02	N.J.S.E.L.M.	E 44-14-21
Description: F02 storage (High Explosives). Bunker No: 7 (Central Center). Check the number.		
Reviser: O.D.	Change: NMS-0714	
Filename: Ch_Cen_Storage_F02	Date: 28 Sep, 2001	
Source: Ch_Cen_Storage and NMS-0714		

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*Bunker # 52
not identified
and location # 7.*

INTERNATIONAL ATOMIC ENERGY AGENCY

25 October 2004

THE DIRECTOR GENERAL

Dear Sir Emyr,

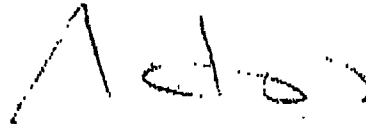
I refer to the letter I addressed to you on 1 October 2004¹⁾, constituting the semi-annual report requested by the Security Council in resolution 1051 (1996). In that letter, States were reminded of their obligation to inform the IAEA about items listed in Annex 3 of the IAEA's Ongoing Monitoring and Verification (OMV) Plan²⁾.

Consequent to that reminder, the IAEA received the attached letter dated 10 October 2004 from the General Director of the Planning and Following Up Directorate of the Iraqi Ministry of Science and Technology. In that letter, the Iraqi authorities informed the IAEA of the loss "after 9-4-2003, throughout the theft and looting of the governmental installations due to lack of security", of high explosives, relevant to Annex 3, that had been subject to IAEA monitoring. The explosives in question are given as: HMX (195 tonnes), which had been under IAEA seal; and RDX (141 tonnes) and PETN (6 tonnes), both subject to regular monitoring of stock levels. The presence of these amounts was verified by the IAEA in January 2003.

Following a preliminary verification of the letter's authenticity through the Iraqi Permanent Mission in Vienna, the IAEA on 15 October 2004 informed the Multinational Force (MNF), as the body entrusted by Security Council resolution 1546 (2004) with the authority to take all necessary measures to contribute to the maintenance of security and stability in Iraq, about this matter. This was with a view to providing the MNF and the Iraqi Interim Government with an opportunity to attempt to recover the explosives before this matter was put into the public domain. However, as you are aware, the matter has been given media coverage today.

I should therefore be grateful if you would arrange for this letter to be distributed as a document of the Security Council.

Yours sincerely,



Mohamed ElBaradei

Enclosure

Sir Emyr Jones Parry
President of the Security Council
United Nations
New York, N.Y. 10017
USA

¹⁾ Document S/2004/786

²⁾ Document S/2001/561