

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION V

Report No. 70-25/78-06 (IE-V-265)
Docket No. 70-25 License No. SNM-21 Safeguards Group 1
Licensee: Rockwell International
Energy Systems Group
8900 DeSoto Avenue, Canoga Park, California

Facility Name: _____

Inspection at: Canoga Park, California

Inspection conducted: November 1-2, 1978

Inspectors: *W. B. Mortensen* 11/17/78
W. B. Mortensen, Physical Protection Inspector Date Signed

Date Signed

Date Signed

Approved By *L. R. Norderhaug* 11/17/78
L. R. Norderhaug, Chief, Safeguards Branch Date Signed

Summary:

Routine, Unannounced Inspection on November 1-2, 1978
(Report No. 70-25/78-06)(IE-V-265)

Areas Inspected: Implementation of 10 CFR Part 73; licensee conditions and the approved security plan relative to access controls; detection aids; central alarm/communications; SNM protection; and reports of incidents. The inspection was started after normal work hours and involved 13 hours onsite by one NRC inspector.

Results: Of the five areas inspected, no items of noncompliance or deviations were identified in three areas; two apparent items of non-compliance were identified in two areas (Infraction - failure to picture badge all personnel, Paragraph 2; Infraction - barriers not adequate, Paragraph 5).

The information on this page is considered to be appropriate ~~for release to the public~~ pursuant to ~~the provisions of~~ ~~the Freedom of Information Act~~ RV Form 719(?)



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DETAILS

1. Persons Contacted

- *R. Jones, Vice President and Controller
- *R. Barto, Manager, Industrial Security
- *T. Christy, Captain, Protective Services, DeSoto
- *J. Jones, Captain, Protective Services, Rockwell
- M. Remley, Manager, Health, Safety and Radiation Services
- *V. Schaubert, Manager, Nuclear Materials Management

The inspector also interviewed several other licensee employees including members of protective services, technical and engineering staffs.

*Denotes those present at the exit interview.

2. Access Controls

The inspector examined the licensee's program and procedures for the control of personnel, vehicles and packages entering and exiting the protected, vital and material access areas.

During an inspection at the security post entry to the protected area on November 1, 1978, the inspector noted that the licensee's security guards are allowed entry to the protected area and the material access area without a picture badge or an escort.

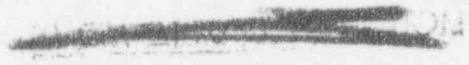
10 CFR 73.50(c)(3) requires "A picture badge identification system shall be used for all individuals who are authorized access to protected areas with escort."

The finding by the inspector that security guards are allowed entry to the protected area without a picture badge represents an item of noncompliance.

3. Detection Aids

The inspector examined various detection aids used by the licensee to detect intrusion, contraband or SNM. The examination included a test of the devices.

No items of noncompliance or deviations were identified.



4. Central Alarm/Communication Systems

The inspector examined the licensee's arrangements for the continuously manned central alarm stations and communication systems within the security organization and with the local law enforcement authorities. It was determined that the licensee's program is being conducted in accordance with the licensee's approved security plan dated January 7, 1974 as amended and 10 CFR 73.50.

The licensee informed the inspector that they have identified several locations within the owner controlled area at which radio transmission quality is diminished or not possible. The licensee has instructed guards as to the locations of dead spots and has undertaken a study to determine corrective measures needed to eliminate dead spots.

No items of noncompliance or deviations were identified.

5. SNM Protection

The inspector examined the licensee's program for the protection of SNM against theft and diversion and the adequacy of physical protection afforded SNM in process. This examination included surveillance equipment and MAA vault access procedures.

On November 1, 1978, while inspecting security practices within the MAA, the inspector observed in hallway 11-H three carts on which were numerous fuel plates. The plates were unattended and not under the surveillance of any individual. The inspector determined through interview of technical personnel who were in an adjacent room that each fuel plate was approximately 4-1/2 feet long, 6 inches wide and .051 inch thick. Each plate contained 59 to 69 grams of U-235 enriched to 93%. The total U-235 on all three carts was 10.8 kg. At both ends of hallway 11-H are double doors providing exit from the MAA into the protected area. Below both sets of double doors are openings approximately 3/8 inch high (.375) and 3 feet wide. The doors did not need to be moved to create the openings.

License Condition 9.A.3.7 requires that, "All non-moveable openings in material access area barriers, including openings to the roof, shall be protected to prevent unauthorized removal of SNM by closing permanently or by fastening material over such openings which provide sufficient strength to assure that the integrity of the barrier is not lessened and that removal of SNM through the opening is not possible."

The finding by the inspector that the licensee has a non-moveable barrier in the MAA through which removal of SNM is possible, represents an item of noncompliance.

6. Reports of Incidents

The inspector determined that the licensee had no incidents involving unaccounted for shipments, attempted or suspected thefts, and/or unlawful diversion, or industrial sabotage requiring a report to the NRC.

No items of noncompliance or deviations were identified.

7. Exit Interview

The inspector met with licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection on November 2, 1978. The inspector summarized the purpose and scope of the inspection. The licensee made no commitments regarding the items of non-compliance identified by the inspector.

9/2/78
12/18/78
E-V-265

FACILITY NAME Energy Systems Group INSPECTOR(S) _____ PRINCIPAL INSPECTOR Anters
 LICENSEE/VENDOR _____ REVIEWER Hordehaug

AE	TRANS-ACTION TYPE 1 (CHECK ONE) <input type="checkbox"/> Delete <input checked="" type="checkbox"/> Insert <input type="checkbox"/> Modify	DOCKET NUMBER 2 8 <u>07000025</u> OR LICENSE NO. (BY PRODUCT) 2 14 _____	(A) REPORT NO. (B) 15 18 <u>7806</u>	DATES INQ/INVEST/INSP FROM 19 24 (C) <u>110178</u> M M D D Y Y TO 25 30 (D) <u>110278</u> M M D D Y Y	REGION CONDUCTING ACTIVITY (E) 31 <u>3</u>
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F INSPECTION PERFORMED BY: 32
 1 REGIONAL OFFICE STAFF 2 RESIDENT INSPECTOR
 3 PERFORMANCE APPRAISAL TEAM

G TYPE OF ACTIVITY CONDUCTED (CHECK ONE BOX ONLY) 33-34

INSPECTION	OTHER
02 <input type="checkbox"/> SAFETY 03 <input type="checkbox"/> INCIDENT 04 <input type="checkbox"/> ENFORCEMENT 05 <input type="checkbox"/> MANAGEMENT AUDIT 06 <input type="checkbox"/> MANAGEMENT VISIT 07 <input type="checkbox"/> SPECIAL 08 <input type="checkbox"/> VENDOR 09 <input type="checkbox"/> MATL ACCT. 10 <input checked="" type="checkbox"/> PLANT SEC. 11 <input type="checkbox"/> INVENT. VERIF. 12 <input type="checkbox"/> SHIPMENT/EXPORT	13 <input type="checkbox"/> IMPORT 14 <input type="checkbox"/> INQUIRY 15 <input type="checkbox"/> INVESTIGATION (IF INVEST. ALSO CHECK BLOCK 5)

H INSPECTION OR INVESTIGATION WARNING: 35
 1 ANNOUNCED 2 UNANNOUNCED

I INSPECTION SHIFT: 36
 1 DAY SHIFT 2 OFF-SHIFT 3 WEEKEND/HOLIDAY

J INSPECTION/INVESTIGATION NOTIFICATION (CHECK ONE BOX ONLY) 37
 1 591 2 REGIONAL OFFICE LETTER 3 REFERRED TO HQS FOR ACTION 4 REGION LETTER & HQS FOR ACTION

K INSPECTION INVESTIGATION FINDINGS (CHECK ONE BOX ONLY) 38
 1 CLEAR 2 NONCOMPLIANCE 3 DEVIATION 4 NONCOMPLIANCE & DEVIATION

L ENFORCEMENT CONFERENCE HELD: 39
 1 39

M NUMBER OF NONCOMPLIANCE ITEMS IN LETTER TO LICENSEE: 40 41
02
 N NUMBER OF DEVIATION ITEMS IN LETTER TO LICENSEE: 42 43
00
 NOTE: CHANGE MUST BE SUBMITTED ON 766 WHENEVER PREVIOUSLY CITED ITEM OF NONCOMPLIANCE IS OFFICIALLY DELETED FROM THE RECORD.

O NUMBER OF LICENSEE EVENTS 44 45
00

P 46 INSPECTION FEE
 1 NON-ROUTINE/VENDOR (No Fee) 2 ROUTINE (No Fee) 3 ROUTINE (Fee) 4 ROUTINE (Fee Reduced)

Q 47 CONTENTS 2.790D INFORMATION 'S' YES

R REGIONAL OFFICE LETTER OR REPORT TRANSMITTAL DATE FOR INSPECTION OR INVESTIGATION
 591 OR LETTER ISSUED TO LICENSEE 48 53
111778
 M M D D Y Y
 REPORT SENT TO HQS FOR ACTION 54 59

 M M D D Y Y
 IMMEDIATE ACTION LETTER 60 DATE 65

 M M D D Y Y

S SUBJECT OF INVESTIGATION (CHECK ONE BOX ONLY) 66-67

TYPE A	10 CFR 20.403	TYPE B	10 CFR 20.405	MISC.
01 <input type="checkbox"/> INTERNAL OVEREXPOSURE	06 <input type="checkbox"/>	11 <input type="checkbox"/> INT. OVEREXPOSURE	15 <input type="checkbox"/> CRITICALITY	21 <input type="checkbox"/> EQUIP. FAILURE
02 <input type="checkbox"/> EXTERNAL OVEREXPOSURE	07 <input type="checkbox"/>	12 <input type="checkbox"/> EXT. OVEREXPOSURE	16 <input type="checkbox"/> LOSS/THEFT	22 <input type="checkbox"/> ALLEGATION/COMPLAINT
03 <input type="checkbox"/> RELEASE TO UNREST. AREA	08 <input type="checkbox"/>	13 <input type="checkbox"/> EXCESS RAD. LEVELS	17 <input type="checkbox"/> MUF	23 <input type="checkbox"/> PUBLIC INTEREST
04 <input type="checkbox"/> LOSS OF FACILITY	09 <input type="checkbox"/>	14 <input type="checkbox"/> EXCESS CONC. LEVELS	18 <input type="checkbox"/> TRANSPORTATION	24 <input type="checkbox"/> SABOTAGE
05 <input type="checkbox"/> PROPERTY DAMAGE	10 <input type="checkbox"/>		19 <input type="checkbox"/> CONTAM/LEAKING SOURCE	25 <input type="checkbox"/> ABNORMAL OCCUR.
			20 <input type="checkbox"/> ENVIRONMENTAL EVENT	26 <input type="checkbox"/> OTHER

T HEADQUARTERS ENTRIES
 HQS ACTION ON INSP/INVEST REFERRED BY REGION: (See Reference List for Code) 68 69

 U DATE HQS ENFORCEMENT LETTER, NOTICE, ORDER ISSUED: 70 75

 M M D D Y Y
 V CIVIL PENALTY ISSUED: 76

 W DATE 766 ENTERED INTO COMPUTER FILE (MO/YR): 77 80
1278
 M M Y Y

NOTE: BLOCKS K TO N MUST BE VERIFIED BY IE: HQS WHENEVER ENTRIES ARE MADE IN BLOCKS T, U AND V

AIIS REFERENCE: _____

1E-V-265
jm

UNITED STATES NUCLEAR REGULATORY COMMISSION
INSPECTION & ENFORCEMENT—STATISTICAL DATA SUPPLEMENT

GENERAL INSTRUCTIONS: BLOCK A MUST BE CHECKED TO SHOW TYPE OF INFORMATION CONTAINED ON THE FORM. ONE FORM IS TO BE COMPLETED FOR EACH
(A) ITEM OF NONCOMPLIANCE CITED.
(B) ITEM OF NONCOMPLIANCE NOT CITED, AND,
(C) DEVIATION CITED IN ENFORCEMENT CORRESPONDENCE

DOCKET NUMBER 70-25 OR LICENSE NUMBER _____ REPORT NUMBER 78-06

<input type="checkbox"/> S 1	A—TYPE OF FINDINGS (CHECK ONE BOX ONLY)	B—SPECIFIC N/C CODE OR DEVIATION	CAUSE 8 <input type="checkbox"/> 7	PROCEDURE 9 <input type="checkbox"/> P	SEVERITY 10 <input type="checkbox"/> 2	FUNCTIONAL AREA 11 12 <input type="checkbox"/> <input type="checkbox"/>
	A <input checked="" type="checkbox"/> NONCOMPLIANCE 2 B <input type="checkbox"/> LICENSEE IDENTIFIED ITEMS C <input type="checkbox"/> DEVIATION	C—MODULE NUMBER	13 <input type="checkbox"/> 5812506			
D—HOW ITEM IDENTIFIED (CHECK ONE BOX ONLY)		E—CONSEQUENCES (CHECK ONE BOX ONLY)				
L <input type="checkbox"/> LICENSEE 20 I <input checked="" type="checkbox"/> INSPECTOR O <input type="checkbox"/> OTHER		A <input type="checkbox"/> CAUSE OR CONSTITUTED ACTUAL OCCURRENCE 21 P <input checked="" type="checkbox"/> HAD POTENTIAL TO RESULT IN ACTUAL OCCURRENCE N <input type="checkbox"/> DID NOT HAVE POTENTIAL TO RESULT IN ACTUAL OCCURRENCE				
F—EXEMPT INFORMATION		G—ADDITIONAL UNITS (ENTER "M" IN FIRST BOX FOLLOWED BY OTHER UNIT NUMBERS)		23 26 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
22 S <input type="checkbox"/> CHECK BOX IF EXEMPT INFORMATION IS INCLUDED IN TEXT BELOW, PER 10 CFR 2.790		H—NONCOMPLIANCE REPETITIVE OCCURRENCE (IF FIRST OCCURRENCE ENTER "1")		27 <input type="checkbox"/> 1		
I—TEXT (ENTER UP TO 2400 CHARACTERS FOR EACH ITEM. IF THE TEXT OF THE NONCOMPLIANCE OR DEVIATION EXCEEDS THIS NUMBER, IT WILL BE NECESSARY TO PARAPHRASE)						
1 Barrier did not preclude the pass through of SNM.						
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& E N D & NOTE: DATA ENTRY CLERK—THE LAST LINE ENTERED MUST CONTAIN THIS INFORMATION.						
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~~CONFIDENTIAL INFORMATION~~
UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V
SUITE 202, WALNUT CREEK PLAZA
1990 N. CALIFORNIA BOULEVARD
WALNUT CREEK, CALIFORNIA 94596

*Rockwell Cy
#271*

JAN 31 1979

Docket No. 70-25

Energy Systems Group
Rockwell International
8900 DeSoto Avenue
Canoga Park, California 91304

Attention: Mr. R. G. Jones
Vice President and Controller

Gentlemen:

Subject: NRC Inspection

This refers to the inspection conducted by Messrs. G. Hamada, Y. Kobori and A. Wieder of this office on December 4-8, 1978, and January 2-3, 1979, of activities authorized under NRC License No. SNM-21. It also refers to the discussion of our inspection findings with members of the Company staff at the conclusion of the inspection.

The areas examined during the inspection included your program for controlling and accounting for special nuclear material pursuant to applicable provisions of Part 70, Title 10, Code of Federal Regulations, and specific requirements of NRC License Nos. SNM-21. Within these areas, the inspection consisted of selective examinations of procedures and records, interviews with Energy Systems Group personnel and observations by the inspectors.

No items of noncompliance with NRC requirements were identified within the scope of this inspection.

In accordance with Section 2.790(d) of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, documentation of findings of your control and accounting procedures for safeguarding special

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~~CONFIDENTIAL INFORMATION~~

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JAN 31 1978

nuclear materials are exempt from disclosure; therefore, the inspection report will not be placed in the Public Document Room and will receive limited distribution.

Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,

for M. D. Schuster
L. R. Norderhaug, Chief
Safeguards Branch

Enclosure:
IE Inspection Report
No. 70-25/78-07 (IE-V-271)