

24 SEP 1987

License No. 18-17983-01  
Docket No. 030-13768  
Control No. 107703

E. C. Jordan Company  
ATTN: Bruce K. Wallin, Ph.D.  
562 Congress Street, Box 7050  
Portland, Maine 04112

Gentlemen:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5239, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

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We wish you success in operating a safe and effective licensed program.

Sincerely,

Original Signed By:  
John E. Glenn

John E. Glenn, Ph.D., Chief  
Nuclear Materials Safety Section B  
Division of Radiation Safety  
and Safeguards

Enclosures:

1. Amendment No. 06
2. Requirements for Materials Licensees
3. NRC Forms 3 and 313

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DRSS:RI  
Glenn  
9/23/87

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09/09/87

18 AUG 1987

Docket No. 030-13768

License No. 18-17983-01

E. C. Jordan Company  
ATTN: Bruce K. Wallin, Ph.D.  
Radiation Safety Officer  
Senior Consultant  
562 Congress Street  
P.O. Box 7050  
Portland, Maine 04112

Gentlemen:

On June 22, 1987, Michael A. Varela of this office conducted a routine safety inspection at E. C. Jordan Company of activities authorized by the above listed NRC license. The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. The inspection consisted of observations by the inspector, interviews with personnel, and a selective examination of representative records. The findings of the inspection were discussed with yourself at the conclusion of the inspection.

Based on the results of this inspection, it appears that your activities were not conducted in full compliance with NRC requirements. A Notice of Violation is enclosed as Appendix A and categorizes each violation by severity level in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (Enforcement Policy). You are required to respond to this letter and in preparing your response, you should follow the instructions in Appendix A.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and your reply will be placed in the Public Document Room.

The responses directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

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RETURN ORIGINAL TO  
REGION I

12:07

18 AUG 1987

Your cooperation with us is appreciated.

Sincerely,

~~Original Signed By?~~

John E. Glenn

John E. Glenn, Ph.D, Chief  
Nuclear Materials Safety Section B  
Division of Radiation Safety  
and Safeguards

cc:

Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
State of Maine

bcc:

Region I Docket Room (w/concurrences)  
Management Assistant, DRMA  
M. A. Varela

RI:DRSS  
Varela/bc  
07/06/87

08

*MAV*

RI:DRSS  
Glenn  
08/16/87

*JE*

APPENDIX A

NOTICE OF VIOLATION

E. C. Jordan Co.  
Portland, Maine 04112

Docket No. 030-13768  
License No. 18-17983-01

As a result of the inspection conducted on June 22, 1987, and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), the following violations were identified:

- A. 10 CFR 19.12 requires that all individuals working in a restricted area be instructed in the precautions and procedures to minimize exposure to radioactive materials, in the purpose and functions of protective devices employed, and in the applicable provisions of the Commission's regulations and licenses.

Contrary to the above, as of June 22, 1987, one individual working in the field-site trailer where an unlocked portable nuclear density gauge containing millicurie quantities of Cs-137 and Am-241 was being stored (a restricted area), had not been instructed in the potential hazards and precautions to be taken while near this device.

This is a Severity Level IV violation. (Supplement VI)

- B. Condition 13.A.(1) and 13.B of License No. 18-17983-01 requires that sealed sources containing byproduct material be tested for leakage, contamination or both at intervals not to exceed six months, and that sealed sources containing byproduct material be tested for leakage, contamination or both prior to transfer to another person, respectively.

Contrary to the above, as of June 22, 1987, sealed sources containing millicuries quantities of cesium-137 and americium-241 in two portable nuclear density gauges had not been tested for contamination or leakage since May 1, 1986 and April 7, 1986, intervals exceeding six months. In addition, one of these devices was shipped out for repair on June 8, 1987 prior to being leak tested.

This is a Severity Level IV violation. (Supplement VI)

Pursuant to the provisions of 10 CFR 2.201, E. C. Jordan Company is hereby required to submit to this office within thirty days of the date of the letter which transmitted this Notice, a written statement or explanation in reply, including; (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending this response time.

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