

NOTICE OF VIOLATION

Indiana Department of
Transportation
Crawfordsville, Indiana

License No. 13-26344-01
Docket No. 030-32466

During an NRC inspection conducted on February 25, 1993, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1992), the violations are listed below:

1. License Condition No. 18 requires that licensed material be possessed and used in accordance with the statements, representations, and procedures contained in certain referenced applications and letters.

The referenced letter received February 13, 1992, states in Item 6, Section 10.4 that maintenance will be limited to any activity that can be performed without removing the source from the shielded/safe position.

Contrary to the above, on at least two occasions since inception of this license on March 30, 1992, the Radiation Safety Officer removed sources from their shielded/safe position in Troxler moisture/density gauges to perform maintenance. Specifically, the Radiation Safety Officer removed the source rods from these gauging devices in order to perform cleaning of the devices.

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

2. 10 CFR 20.201(b) requires that each licensee make such surveys as may be necessary to comply with the requirements of Part 20 and which are reasonable under the circumstances to evaluate the extent of radiation hazards that may be present. As defined in 10 CFR 20.201(a), "survey" means an evaluation of the radiation hazards incident to the production, use, release, disposal, or presence of radioactive materials or other sources of radiation under a specific set of conditions.

Contrary to the above, as of February 25, 1993, the licensee did not make surveys to assure compliance with that part of 10 CFR 20.101 that limits the radiation exposure to the extremities. Specifically, on at least two occasions since inception of this license on March 30, 1992, the Radiation Safety Officer removed sources from their shielded/safe position in Troxler moisture/density gauges to perform maintenance and failed to evaluate the radiation exposure to the extremities.


This is a severity level IV violation (Supplement IV).

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Pursuant to the provisions of 10 CFR 2.201, Indiana Department of Transportation is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, Region III, 799 Roosevelt Road, Glen Ellyn, Illinois, 60137, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

MAR 17 1993
Date


B. J. Holt, Chief
Nuclear Materials Inspection
Section 1