

ENCLOSURE 1

NOTICE OF VIOLATION

General Electric Company
Nuclear Fuel Manufacturing Department

Docket No. 70-1113
License No. SNM-1097

The following violations were identified during an inspection conducted on April 8-12, 1985. The Severity Levels were assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

1. 10 CFR 20.201(b) requires that each licensee make such surveys as may be necessary for the licensee to comply with the regulations in 10 CFR Part 20 and are reasonable under the circumstances to evaluate the extent of radiation hazards that may be present. As stated in 10 CFR 20.201(a), a "survey" is 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.

10 CFR 20.103(a)(1) requires that no licensee possess, use, or transfer licensed material in such a manner as to permit any individual in a restricted area to inhale a quantity of radioactive material in any period of any calendar quarter greater than the quantity which would result from inhalation for 40 hours per week for 13 weeks at uniform concentrations of radioactive materials in air as specified in Appendix B, Table 1, Column 1.

10 CFR 20.103(a)(3) requires for purposes of determining compliance with the requirements of this section that the licensee use suitable measurements of concentrations of radioactive material in air for detecting and evaluating airborne radioactivity in restricted areas.

Contrary to the above, adequate evaluations of individual exposures to concentrations of radioactive material in air were not performed, in that suitable measurements of concentrations of radioactive material in air were not performed during the cutting and polishing of uranium pellets in the metallurgical laboratory on May 12 and 13, 1975, for detecting and evaluating airborne radioactivity in restricted areas and to demonstrate compliance with 10 CFR 20.103(a)(1).

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

2. 10 CFR 70.42 requires that no licensee transfer special nuclear material except as authorized pursuant to this section.

Contrary to the above, on February 22, 1985, a package containing special nuclear material, specifically 6 samples of uranium dioxide, was shipped to Western Zirconium Company, a company which was not authorized to receive this material.

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

3. 10 CFR 19.13(c) requires that, at the request of a worker formerly engaged in licensed activities controlled by the licensee, each licensee shall furnish to the worker a report of the worker's exposure to radiation or radioactive material.

10 CFR 20.408(b) requires that when an individual terminates employment with a licensee, the licensee shall furnish the NRC a report of the individual's exposure to radiation and radioactive material incurred during the period of employment containing information recorded by the licensee pursuant to 10 CFR 20.401(a) and 20.108.

Contrary to the above, the requirements to provide a report of exposure to radiation or radioactive material to a worker formerly engaged in licensed activities and to the NRC was not met, in that all available data were not included in the data base used to determine the dose received from internally deposited radioactivity in a report given to an individual on July 17, 1984 and sent to the NRC on October 19, 1984.

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

Pursuant to 10 CFR 2.201, you are required to submit to this Office within 30 days of the date of this Notice, a written statement or explanation in reply, including: (1) admission or denial of the alleged violations; (2) the reasons for the violations if admitted; (3) the corrective steps which have been taken and the results achieved; (4) corrective steps which will be taken to avoid further violations; and (5) the date when full compliance will be achieved. Security or safeguards information should be submitted as an enclosure to facilitate withholding it from public disclosure as required by 10 CFR 2.790(d) or 10 CFR 73.21.

Date: AUG 13 1985