

APPENDIX A  
NOTICE OF VIOLATION

National Valve and Manufacturing Company  
Pittsburgh, Pennsylvania 15201  
License No. 37-02895-03

Docket No. 30-10811

As a result of the inspection conducted on March 24 and 25, 1981, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violations were identified:

- A. 10 CFR 34.29(b) requires that each entrance used for personnel access to the high radiation area in a permanent radiographic installation have both visible and audible warning signals to warn of the presence of radiation. The visible signal must be activated by radiation whenever the source is exposed and the audible signal must be activated when an attempt is made to enter the installation while the source is exposed.

Contrary to this requirement, as of the day of the inspection, March 24, 1981, the new permanent radiographic installation located at your Etna facility did not have the required warning signals installed.

This is a Severity Level IV Violation. (Supplement VII)

- B. 10 CFR 34.43(b) requires that a survey be made after each radiographic exposure to determine that the sealed source has been returned to its shielded position. The entire circumference of the radiographic exposure device must be surveyed and if the device has a source guide tube, the survey must include the entire length of the guide tube.

Contrary to this requirement, on the day of the inspection, March 24, 1981, your radiographers failed to perform a survey that was adequate to determine that the sealed source had returned to its shielded container. We note that a survey which was intended to meet this requirement was performed, but was inadequate in that it did not include the entire circumference of the exposure device and the entire length of guide tube.

This is a Severity Level IV Violation. (Supplement VII)

- C. Condition 16 of your license requires that licensed material be possessed and used in accordance with the statements, representations and procedures contained in your application dated October 4, 1974, as amended December 11, 1974 and March 19, 1975.

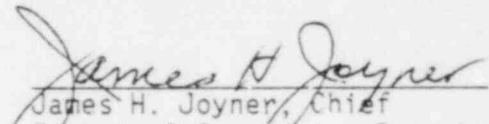
Item 4.2(c) of your application defines a "Restricted Area" as any area which is controlled for radiation safety by the licensee. Item 8.7(A) requires you to immediately remove any person who has entered a Restricted Area.

Contrary to these requirements, as of the day of inspection, March 24, 1981, your radiography staff failed to remove an individual who had entered a restricted area at your 43rd Street Facility.

This is a Severity Level V Violation (Supplement VII)

Pursuant to the provisions of 10 CFR 2.201, National Valve and Manufacturing Company is hereby required to submit to this office within twenty-five days of the date of 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. Under the authority of Section 182 of the Atomic Energy Act of 1954, as amended, this response shall be submitted under oath or affirmation.

Dated 28 MAY 1981

  
James H. Joyner, Chief  
Technical Inspection Branch  
Division of Engineering and  
Technical Inspection