

APPENDIX  
NOTICE OF VIOLATION

NDE Services, Inc.  
Englewood, Colorado

Docket: 30-19284  
License: 05-19821-01

Based on the results of the inspection conducted on March 6-7, 1986, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1985), the following violations were identified:

1. 10 CFR 34.22 requires, in part, that exposure devices or their containers be kept locked when not under the direct surveillance of a radiographer or a radiographer's assistant.

Contrary to this requirement, on March 6, 1986, the NRC inspector found that exposure device, serial number 2778, had been returned to storage at the licensee's facility unlocked.

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

2. License Condition 17 requires, in part, that licensed material be used in accordance with statements, representations, and procedures contained in application dated June 15, 1981, and letters dated August 14 and 26, 1981.

- a. Procedure RS-9 contained in the application dated June 15, 1981, states that the Radiation Protection Officer or Assistant Radiation Protection Officer will make periodic inspections of the radiographic operations at least once per month on radiographers, for field operations, to make certain the license provisions, commission regulations, and Operating and Emergency Procedures are followed by the radiographers and radiographers assistants.

Contrary to this requirement, since the date of the last inspection on September 12, 1984, inspections of radiographers and assistant radiographers at the location of field operations had been performed on a 6-month rather than 1-month frequency.

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

- b. Procedure RS-5 attached to the letter dated August 26, 1981, list by name the commercial vendor to be used by the licensee for checking the accuracy of pocket dosimeters at the specified frequency.

Contrary to this requirement, since the date of the previous inspection, accuracy of pocket dosimeters had been certified by an in-house procedure performed by the licensee.

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

- c. Item 6(c) of the license application dated June 15, 1981, list by name the commercial vendor to be used to perform quarterly calibration of the licensee's survey instruments.

Contrary to this requirement, since March 1985, calibration of survey instruments had been performed by a licensee procedure in-house.

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

- 3. License Condition 16 states, in part, that the licensee may transport licensed material in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71. 10 CFR 71.5 requires that shipments of licensed radioactive materials be made in compliance with applicable regulations of the Department of Transportation found in Title 49, Code of Federal Regulations.

- a. 49 CFR 172.200(a) requires, in part, that shipments of radioactive materials be accompanied by a shipping paper which includes the information required by 49 CFR 172.203(d).

Contrary to this requirement, since the date of the last inspection, shipments of radioactive materials made by the licensee were not accompanied with the required shipping papers.

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

- b. 40 CFR 172.403 requires, in part, that each package of radioactive material, unless excepted from labeling by 49 CFR 173.421 - 173.425 be labeled, as appropriate, with a RADIOACTIVE WHITE-I, a RADIOACTIVE YELLOW-II, or a RADIOACTIVE YELLOW-III label.

Contrary to this requirement, since the date of the last inspection, licensee packages containing up to 100 Ci of iridium-192 and prepared for transport were not properly labeled with a RADIOACTIVE YELLOW-II or III label as required.

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

- 4. 10 CFR 34.31(c) requires, in part, that records of radiographer training, including copies of written tests shall be maintained for 3 years.

Contrary to this requirement, written examinations were not maintained on file for two individuals who worked as radiographers from December 1984 to September 1985, and March through September 1985, respectively.

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

Pursuant to the provisions of 10 CFR 2.201, NDE Services, Inc. is hereby required to submit to this office, within 30 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) the corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

Dated at Arlington, Texas,  
this *7th* day of *APRIL*, 1986.