

APPENDIX A

NOTICE OF VIOLATION

Nucleonic Data Systems, Inc.
2811 McGaw Avenue
Irvine, California 92714

License No. 04-19037-01

As a result of the inspection conducted on March 26, 1981, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violations were identified:

- A. License Condition 18 requires that the licensee shall possess and use licensed material in accordance with statement, representations and procedures contained in application dated May 10, 1979, as amended by letter dated August 23, 1979. Attachment D of the application dated May 10, 1979, requires that site surveys must be conducted at temporary job sites where gauges are used for demonstrations.

Contrary to the above requirement, a licensee's representative stated that there were no site surveys conducted prior to demonstrations at the following temporary job sites on the following dates:

<u>Date</u>	<u>Source Model</u>	<u>Am-214 Source Strength</u>	<u>Temporary Job Location</u>
Jan. 3-11, 1979	AMC 13145 AMCK .599	30 mCi 0.1 mCi	Michigan
June 10-17, 1979	AMC 13145 AMC .65	30 mCi 30 mCi	Ohio
June 22-26, 1980	AMC 13446 AMC .62	100 mCi 1 mCi	Ohio

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

- B. License Condition 13.A(1) requires that each sealed source containing licensed material, other than hydrogen-3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months.

Contrary to the above requirement, at the time of the inspection, the leak test records indicated that the source assembly Serial Number 1034 containing an AMCX 735, 30 millicurie americium-241 source, and an AMCK .599, 0.1 millicurie americium-241 source, had been leak tested only on March 7, 1977, June 26, 1978 and April 27, 1979.

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

Pursuant to the provisions of 10 CFR 2.201, Nucleonic Data Systems, Inc., 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 items of noncompliance; and
- (3) the date when full compliance will be achieved.

dated April 28, 1981

J. F. Pang

for J. F. Pang, Radiation Specialist
Radiological Safety Branch