

NOTICE OF VIOLATION

ABB Process Automation, Inc.
Columbus, Ohio

Docket No. 030-05610
License No. 34-00255-03

As a result of the inspection conducted on December 17, 1990, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, (1990) (Enforcement Policy) the following violations were identified:

1. 10 CFR 20.105(b) requires that radiation levels in unrestricted areas be limited so that an individual who was continuously present in the area could not receive a dose in excess of 2 millirems in any hour or 100 millirems in any seven consecutive days.

Contrary to the above, on December 17, 1989, radiation levels of 1.5 millirems per hour existed in the Model Room located near the Storage Room, and those levels existed for at least three weeks. Therefore, an individual who was continuously present in the area could receive a dose in excess of 100 millirem in any seven consecutive days.

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

2. License Condition 16 requires the licensee to Calibrate all of their survey instruments at 12 month intervals.

Contrary to the above, the licensee failed to calibrate all of their survey instruments at 12 months intervals. Specifically these five survey instruments were not calibrated at the required intervals: Model 470-A Serial Number 1674 was last calibrated on September 14, 1989; Model 491, Serial Number 2380 calibrated on March 9, 1988 and November 13, 1990; Model 440, Serial Number 2740 calibrated on January 4, 1989 and December 4, 1990; Model 491, Serial Number 2400, last calibrated on March 31, 1988; and Nuclear Chicago Survey instrument, Serial Number 2804 was last calibrated on November 29, 1988. All exceeded the 12 month interval.

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

3. a. License Condition No. 17 requires that licensed material be possessed and used in accordance with the statements, representations and procedures contained in an application dated October 28, 1977 and March 18, 1988, and a letter dated March 31, 1988.

Section 8.0 of the referenced letter dated March 31, 1988 and Section II B.4 of the Appendix A submitted with the letter requires the licensee to provide and document annual one to two hour refresher training courses for certain individuals employed by the licensee.

Contrary to the above, the licensee failed to maintain documentation of the refresher training provided employees in 1989 and 1990.

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

- b. Item 10.6 of the referenced letter dated March 31, 1988 requires the licensee to perform weekly surveys of the Source Facility.

Contrary to the above, the licensee failed to perform weekly surveys of the Source Facility from June 8, 1990 to June 22, 1990; from July 6, 1990 to July 20, 1990; from August 17, 1990 to August 31, 1990; from September 14, 1990 to September 28, 1990; and from November 16, 1990 to November 30, 1990.

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

Pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within thirty days of the date of this Notice a written statement or explanation in reply, including for each violation: (1) the corrective steps that have been taken and the results achieved; (2) the corrective steps that 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.

1-15-91
Dated

William H. Schultz
William H. Schultz, Chief
Nuclear Materials Safety
Section 1