

Appendix A

NOTICE OF VIOLATION

Bio-Dynamics/bmc

License No. 13-17999-02  
License No. 13-17999-03

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

Licenses No. 13-17999-02 and No. 13-17999-03

1. License Condition No. 13 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application received October 16, 1978. The letter dated January 8, 1979 in support of that application for use and possession of byproduct material under Licenses No. 13-17999-02 and No. 13-17999-03 states film badges and finger badges will be worn.

Contrary to the above requirements, it was determined through statements of licensee representatives and the NRC inspectors' review of personnel monitoring records, that this requirement is not being met. Specifically, finger badges were discontinued on October 25, 1979 and the licensee failed to amend the license to reflect this change.

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

2. 10 CFR 20.103(a)(3) states that for purposes of determining compliance with the requirements of this section the licensee shall use suitable measurements of concentrations of radioactive materials in air for detecting and evaluating airborne radioactivity in restricted areas and in addition, as appropriate, shall use measurements of radioactivity in the body, measurements of radioactivity excreted from the body, or any combination of such measurements as may be necessary for timely detection and assessment of individual intakes of radioactivity by exposed individuals.

Contrary to the above, no air samples have been taken in the laboratories where millicurie quantities of iodine-125 are handled.

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

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License No. 13-17999-02

3. License Condition No. 16 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated January 19, 1978, and application received October 16, 1978, and various dated letters. Item No. 14 of the January 19, 1978 application states weekly area surveys and wipe samples are performed.

Contrary to the above requirement, it was determined through statements of licensee representatives that this requirement is not being met. Specifically, wipe test were not performed prior to February 22, 1980 and licensee has not conducted wipe surveys and direct radiation surveys since July 25, 1980.

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

License No. 13-17999-03

4. License Condition No. 13 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application received October 16, 1978 and various dated letters. Letter dated January 8, 1979 in support of application for use and possession, manufacturing, and distribution of byproduct material, states under Item III-A "Bioassays will be performed on all personnel who, in the course of their normal work, come in contact with and use radioactive material."

Contrary to the above requirements, it was determined through statements of licensee representatives that this requirement is not being met. Specifically, the licensee failed to implement the bioassay program as described in the letter dated January 8, 1979.

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

Pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within twenty-five days of the date of this Notice a written statement or explanation in reply, including for each item of noncompliance: (1) corrective action taken and the results achieved; (2) corrective action to be taken to avoid further noncompliance; 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.

2/2/81  
Dated

W. L. Fisher  
W. L. Fisher, Acting Chief  
Fuel Facility and Materials  
Safety Branch