

AUG 18 1982

APPENDIX A

NOTICE OF VIOLATION

University of Delaware
Newark, Delaware 19711

Docket Nos. 30-06892
30-10925
License Nos. 07-01579-06
07-01579-~~0~~9

As a result of the inspection conducted on July 13, 1982, and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), the following violations were identified:

- A. 10 CFR 20.201(b) requires that each licensee make such surveys as may be necessary to comply with all sections of Part 20. As defined in 10 CFR 20.201(a), "survey" means an evaluation of the radiation hazards incident to the production, use, release, disposal, or presence of radioactive materials or other sources of radiation under a specific set of conditions.

Contrary to the above, as of July 13, 1982, adequate surveys were not made to assure compliance with 10 CFR 20.106, a regulation that limits the concentrations of radioactive material in effluents. Specifically, evaluations were not made of the concentrations of radioactive materials in the effluent air discharged from hoods in Brown Laboratory and Worrielow Hall, during the iodinations when the highest concentrations of iodine-125 would have occurred (License No. 07-01579-19).

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

- B. Condition 16 of License No. 07-01579-06 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in the application dated February 3, 1981.

Item 15.D of these procedures requires that the cobalt-60 irradiator room be equipped with continuously operating radiation monitors with audible and visible alarms.

Contrary to the above, on July 13, 1982, the audible portion of the cobalt-60 irradiator radiation room monitor was not functioning.

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

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Pursuant to the provisions of 10 CFR 2.201, the University of Delaware is hereby required to submit to this office within thirty 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. Where good cause is shown, consideration will be given to extending this response time.