

APPENDIX A

NOTICE OF VIOLATION

Collaborative Research, Inc.
Waltham, Massachusetts 02154

Docket No. 30-04696
License No. 20-11124-01

As a result of the inspection conducted on July 21, 1982, and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), the following violation was identified:

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 21, 1982, adequate surveys were not made to determine that individuals who handled millicurie quantities of iodine-125 were not exposed to airborne concentrations exceeding the limits specified in 10 CFR 20.103. Specifically, the evaluations performed were inadequate in that one individual who performed an iodination on February 10, 1982, did not have his thyroid monitored, no determination of the efficiency of the thyroid monitoring equipment had been performed, and results were left in counts per minute. In addition, thyroid monitoring was on the same day as the iodination procedure; this is inadequately performed since iodine does not concentrate in the thyroid that rapidly.

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

Pursuant to the provisions of 10 CFR 2.201, Collaborative Research, Inc. 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.

OFFICIAL RECORD COPY

8209150312 820830
NMS LIC30
20-11124-01 PDR