

JUN 15 1983

APPENDIX A

NOTICE OF VIOLATION

Pharmatopes, Inc.
Allentown, Pennsylvania 18103

Docket No. 030-19768
License No. 37-21092-01MD

As a result of the inspection conducted on May 24, 1983, and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), the following violations were 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.

1. Contrary to the above, as of May 24, 1983, surveys were not made to assure compliance with that part of 10 CFR 20.101 that limits the radiation exposure to the extremities of individuals. Specifically, no evaluation was made for the period of January 17-23, 1983 of the radiation dose to the hands and fingers of personnel whose TLD finger badge chip broke and could not be processed.

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

2. Contrary to the above, on May 25, 1983, surveys were not made to determine that individuals who worked in areas where millicurie quantities of xenon-133 were stored was not exposed to airborne concentrations exceeding the limits specified in 10 CFR 20.103. Specifically, no surveys of airborne radioactivity were conducted when the storage hood exhaust fan was not running and millicurie quantities of xenon-133 were being stored there.

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

Pursuant to the provisions of 10 CFR 2.201, Pharmatopes Inc. is hereby required to submit to this office within thirty days of the date of the letter which transmitted 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.