

APPENDIX A
NOTICE OF VIOLATION

University of Hawaii
Office of the President
Bachman Hall 202
Honolulu, Hawaii 96822

Docket No. 030-07517
License No. 53-00017-23

During an NRC inspection conducted on January 10-11, 1990, certain violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1989), the violations are listed below:

- A. 10 CFR 20.207(a) requires licensed material stored in an unrestricted area to be secured from unauthorized removal from the place of storage.

Contrary to the above requirement, at the time of the inspection, some laboratories were using portable and removable lockboxes to store licensed material. This is a repetitive violation from the inspection of March 16-18, 1988.

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

- B. License Condition 23, Amendment 18 (effective April 23, 1987) and License Condition 21, Amendment 21 (effective October 24, 1989), provide in part that the licensee shall possess and use material in accordance with the statements, representations and procedures contained in the applications dated November 24, 1981 and May 31, 1989, respectively.

1. Part II.E.4. of the Radiation Safety Manual, included in the application dated May 31, 1989, provides in part that contaminated areas must be decontaminated to within the limits of 500 disintegrations per minute (dpm) per 100 square centimeters (100 cm²), as specified in Part II.E.5.

Contrary to the above requirement, at the time of the inspection, the following contaminated areas of about 100 cm² each were identified in Snyder Hall: a bench top in Room 101 (an area with 260,000 dpm, and another with 92,000 dpm), and the hood in Room 204A (53,000 dpm). This is a repetitive violation from the inspection of March 16-18, 1988.

This is a Severity IV Violation (Supplement VI).

2. Part I.A.2 of the Radiation Safety Manual, included in the application, states in part that all use and possession of radioactive materials must have prior approval of the Radiation Safety Committee.

Contrary to the above requirement, a researcher from Kapiolani Children's Hospital conducted research with radioactive materials at Biomed-T709 since July, 1989 without having prior approval by the University Radiation Safety Committee.

This is a Severity Level V Violation (Sup. VI).

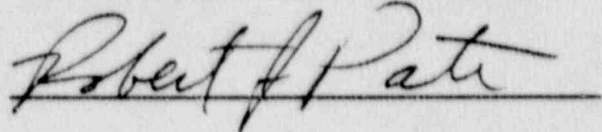
3. Part IV, Section A of the attachment to the application dated November 24, 1981 provides, in part, that the records of surveys must be maintained.

Contrary to the above requirement, at the time of the inspection, the monthly surveys had not been documented as required for Room 307 in the Marine Laboratory at Kewalo Basin. This is a repetitive violation from the inspections of March 16-18, 1988 and April 29-30, 1986.

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

Pursuant to the provisions of 10 CFR 2.201, the University of Hawaii is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555 with a copy to the Regional Administrator, Region V within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation if admitted, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken. Consideration may be given to extending the response time for good cause shown.

FOR THE NUCLEAR REGULATORY COMMISSION



Dated at Walnut Creek, California
this 21 day of February 1990