

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

University of Hawaii / Office of the President
2444 Dole Street
Honolulu, Hawaii 96822
Locations: Monoa Campus, Institute of Marine Biology, Cancer
Research Center, Institute for Astronomy, PANSARRS Telescope,
JABSOM, EH&S, Kewalo Marine Lab, Holmes Hall

REPORT NO: 030-07517/2011-001

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region IV, 612 East Lamar Blvd, Suite 400
Arlington, Texas 76011-4125

3. DOCKET NUMBER
030-075174. LICENSE NUMBER
53-00017-015. DATE OF INSPECTION
02/18 through 06/03/2011

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- ☐ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy to exercise
- ☐ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- ☒ 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

1. 10 CFR §20.2003(a)(1) states in part, that before licensed material is released into sanitary sewerage for disposal, the licensee must meet the condition that the licensed material being disposed is readily soluble or is readily dispersible biological material in water, before it may be discharged into sanitary sewerage.

Contrary to the above, the licensee was disposing radioactive waste into a municipal sanitary sewer at the John A. Burns School of Medicine and failed to verify that radioactive waste material being disposed met the condition of solubility or readily dispersible biological material in water, before discharging into the sanitary sewer.

Before any additional radioactive waste was disposed into the municipal sanitary sewer, the licensee committed to assuring the condition of solubility or dispersible biological material in water was being met. In addition, the licensee committed to providing the required radiation safety training within thirty (30) days of this inspection and to develop and implement procedures to prevent recurrence.

Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE	Irene Sakimoto	<i>Irene Sakimoto</i>	06-06-11
NRC INSPECTOR	R. Rick Muñoz	<i>R. Rick Muñoz</i>	06/03/2011
BRANCH CHIEF	<i>V. Campbell</i>	<i>V. Campbell</i>	6/16/2011

☐ Non-Public ☐ Sensitive – Security-Related

☒ Public ☒ Non-Sensitive

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53-00017-01

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(Continued)

2. License Condition 29 of NRC License 53-00017-23 states, in part, that the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures listed.

Section 8.1 titled "Training for Radiation Workers" in license application dated April 27, 2005, states that a three hour orientation session conducted by the RSO and annual refresher training will be provided via a computer based program called WebCT where radiation workers can take the course and pass a quiz at the end of the course.

Contrary to the above, from September 2006 through February 18, 2011, the licensee failed to provide a three hour orientation session conducted by the RSO and annual refresher training subsequent to the initial training for all radiation workers at the PANSTARRS telescope facility at the Haleakala Summit on Maui. Specifically, the giga pixel camera containing an Iron-55 source for calibrating the charge coupling device was used by individuals who were defined as radiation workers and had not received radiation safety training as stated in the license application.