

September 15, 2011

**PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-2011-006**

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV, Arlington, Texas, staff on this date.

**Facility**

Queen's Medical Center  
Honolulu, Hawaii  
Docket No.: 030-14522  
License No.: 53-16533-02

**Licensee Emergency Classification**

Notification of Unusual Event  
 Alert  
 Site Area Emergency  
 General Emergency  
 Not Applicable

**SUBJECT: MEDICAL EVENT INVOLVING PATIENT OVEREXPOSURE**

**DESCRIPTION:**

On September 13, 2011, at 10:01 (EDT), personnel from The Queen's Medical Center (Queens), Honolulu, Hawaii, contacted the Headquarters Operations Office and reported a medical event involving the overexposure of a patient. Specifically, the Radiation Safety Officer of Queens reported that a patient was inadvertently administered a palliative dose of strontium-89 (1.55 millicuries), instead of the prescribed diagnostic dose of indium-111 (5 millicuries). The strontium-89 dose, originally 4 millicuries, was an expired dose that was administered due to personnel error.

The licensee reported that the calculated red bone marrow dose received was approximately 63 rem. The patient was informed of the mistake, and is being monitored for changes in blood chemistry. The attending and prescribing physicians were also informed of this medical event.

Region IV staff contacted the Queens Medical Center on September 14, 2011, at 1:00 CDT and confirmed the information initially reported. Region IV will be requesting the services of a medical consultant to review this medical event, and the reported dose to the patient.

On September 19, 2011, a Region IV inspector will be dispatched to Honolulu, Hawaii, to initiate a reactive special inspection of this medical event.

This information has been provided to the State of Hawaii. This information is current as of 2:00 p.m. (CDT), September 14, 2011.

**ADAMS ACCESSION NUMBER: ML112580187**

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