

Docket File Information
**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE 60 MDG/SG REPORT NUMBER(S) 2006-003		2. NRC/REGIONAL OFFICE USNRC Region IV	
3. DOCKET NUMBER(S) 030-28641	4. LICENSE NUMBER(S) CA-07840-02/00AFP	5. DATE(S) OF INSPECTION August 7, 2006	
6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 2120	2. PRIORITY 3	3. LICENSEE CONTACT Captain German Reyes	4. TELEPHONE NUMBER
-----------------------------------	-------------------------	--	---------------------

Main Office Inspection Next Inspection Date: _____

Field Office _____

Temporary Job Site _____

PROGRAM SCOPE

This was an assist inspection for Region IV of an Air Force permittee. The permittee is authorized 10 CFR 35.100 to 35.300 materials including radioiodine for hyperthyroid and ablation treatment. Both Tc-99m generators and unit doses are used approximately 70% and 30% respectively. Generator activities range between 3 and 6 Curies, and unit doses range between 10 and 20 millicuries. Most of the imaging is Tc-99m (90%) with the remaining workload using in-111, I-131, I-123 and Ga-67. There are 8 technologists and 4 students, the RSO, an assistant RSO, 7 authorized users, and one medical physicist. Radioiodine therapy is conducted infrequently. A dedicated room is available for radioiodine therapy when needed. No brachytherapy is performed. Annual reviews are conducted as required. Additionally a medical physicist performs an independent review bi-annually. Radioactive material is delivered to the emergency room and then the ER calls the Administrative Officer of the Day (AOD) who then calls radiology who in turn then goes to the ER to pick up the radioactive materials. Both ambient and contaminations surveys were done as required. Dose calibrator quality control was conducted as required. Annual training to the staff is conducted by the RSO. Highest TEDEs for 2004 were 453 mrem and 7000 mrem for whole body and extremities respectively. Highest TEDEs for 2005 were 118 mrem and 5600 mrem, whole body and extremities respectively. All radioactive material is disposed of by decay-in-storage. NRC inspected this permittee in 1998. Three Severity level IV violations were identified involving failures to: conduct surveys in unrestricted areas, perform dose calibrator geometrical variation of all volumes typically used and annotate the date on written directives. The corrective actions for these violations were reviewed and found to be adequate. These violations are closed. The Air Force Inspector General conducted an inspection of this permittee in April 2006. No violations were noted. No violations were noted during this inspection.