DEPARTMENT OF THE AIR FORCE
AIR FORCE INSTITUTE FOR OPERATIONAL HEALTH (AFMC)
BROOKS CITY-BASE TEXAS

22 December 2006

MEMORANDUM FOR AFRPA/DD
3411 OLSON DRIVE
MCCLELLAN PARK CA 95652-1003

FROM: AFIOH/SDR
2350 Gillingham Drive
Brooks City-Base TX 78235-5103

SUBJECT: Consultative Letter # IOH-SD-BR-CL-2006-0097, Radiological Assessment of Building 98 on the Former McClellan AFB CA

1. The Air Force Institute for Operational Health (AFIOH), Radiation Surveillance Division (SDR), Health Physics Consulting Branch (SDRH) performed an assessment of survey results and historical records to determine if Building 98, at the former McClellan AFB, may have been impacted by residual radioactive material. The assessment was performed at the request of the Air Force Real Property Agency (AFRPA) Western Region Execution Center. The building was placed on the list of potentially impacted buildings because a portion of it was used as a radiation detection meter (RADIAC) storage facility. Based on the results of the review of the historical records, Bldg. 98 is not radiologically impacted.

2. Background:

Building 98 was constructed in 1988 for use as a medical logistics facility and later as a medical clinic. The building covers an approximate area of 36,000 square feet. Due to the historical presence of the RADIAC calibration sources, the building was placed on the list of potentially impacted buildings. Once on the list, additional work is required to release the building for unrestricted use.

3. Historical Document Review:

a. Mitretek Systems, Inc., 2005, Radiological Historical Site Assessment for the former McClellan AFB.

b. Air Force Radioisotope Committee (RIC) Records.

4. Results:

a. Historically, USAF RADIAC sets only used generally licensed sealed check sources (e.g., ^{137}Cs). In general, these types of sources have a low incidence of leakage. As a part of the normal operations, the RADIAC check sources pose little to no risk of potential contamination or leakage.

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b. There were no records found during the review of the records at the RIC indicating that a source leaked or that there was ever an incident involving radioactive materials in or around Bldg. 98.

5. Recommendations and Conclusions:

a. Based on the historical record review results there is no indication of residual radioactive material in Bldg. 98.

b. Bldg. 98 should be removed from the list of potentially radiologically impacted buildings and released for unrestricted use.

6. If you have any comments or questions regarding this consultation, please contact Mr. Brian Harcek at 210-536-4263 (DSN 240-4263) or email: brian.harcek@brooks.af.mil.

//signed//

SCOTT M. NICHELSON, Lt Col, USAF, BSC, CHP, CIH
Chief, Radiation Surveillance Division

cc:
AFMOA/SGZR
HQ AFRPA/EV

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