



DEPARTMENT OF THE AIR FORCE  
OFFICE OF THE CHIEF OF STAFF  
UNITED STATES AIR FORCE  
WASHINGTON DC 20330



28 September 2017

MEMORANDUM FOR NRC REGION IV  
ATTN: Dr. Evans

FROM: AFMSA/SG3PB

SUBJECT: Responses to the NRC Notice of Violation (NOV) –Permit # NV-23354

This letter is in response to the NRC NOV dated 31 Aug 17. The USAF MML issued a permit # NV-23354 for the use of four Moisture Density Gauges to Nellis AFB. These gauges were stored in the cinder block storage room with a lock. The cinder block storage room is housed in a pre-engineered metal building which is usually locked. At the time of the NRC inspection on 21 June 2017, the pre-engineered metal building was kept opened as the construction was going inside the building. Hence, there was only one independent physical control for the storage of four Moisture Density Gauges instead of two independent physical controls IAW 10 CFR 30.34 (i). On 21 September 2017, the permittee has corrected the deficiency by installing locked steel chain tie downs to all four gauges inside the cinder block storage room which is always locked. The locked steel chain and locked cinder block storage room will satisfy the two independent physical controls of storage of Moisture Density Gauges IAW 10 CFR 30.34 (i).

If you have any questions, please contact me at 703-681-6871 or ramachandra.k.bhat.civ@mail.mil.

**BHAT.RAMACHAN**  
**DRA.K.1228714832**

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**RAMACHANDRA K. BHAT, Ph.D., CHP**  
Senior Health Physicist  
AF Radioisotope Committee Secretariat  
AF Medical Support Agency  
Office of the Surgeon General

Attachment:  
Letter from Installation Radiation Safety Officer

cc:  
NRC Region IV (Ms. Campbell)  
US NRC Document Control Desk- Washington DC  
820 RHS/CC -Permittee (Col Herndon)

**BREAKING BARRIERS...SINCE 1947**

ACC/SGPB (Col Smith)  
HQ AFIA/SGO (Maj Kice)  
820 RHS/CEH (SSgt Lenguiya, MSgt Johnson and MSgt Ward)  
99 AMDS/SGPB (Maj Sebaihi)



**DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS 99TH AIR BASE WING (ACC)  
NELLIS AIR FORCE BASE NEVADA**



27 September 2017

MEMORANDUM FOR Radioisotope Committee Secretariat (RICS)

FROM: 99 AMDS/SGPB

SUBJECT: Response to Nuclear Regulatory Commission (NRC) Inspection Violation Notice


1. On 21 June 2017, inspector from the U.S. NRC conducted an unannounced inspection of the USAF permit # NV-23354, authorizing the possession and use of portable nuclear gauges, stored by the 820th Red Horse (RHS) Squadron at Nellis AFB.

2. On 8 Sept 2017, the 820th RHS received a Notice of Violation (NOV) from NRC. At the time of the inspection, the cinder-block storage room was closed and locked. The cinder block storage room is housed in a pre-engineered metal building which is usually locked; however on the inspection day, the building was not secured and locked due to building renovation. Therefore, this created a severity level IV violation as all four gauges only had one independent physical control instead of two independent physical controls IAW 10 CFR 30.34 (i).

**3. The reason for violation:** The pre-engineered metal building was not locked as construction workers assigned to 820 RHS were renovating the metal building.

**4. Corrective Steps Taken and the Results Achieved:** On 21 Sept 2017, Maj Sebaihi, the Installation Radiation Safety Officer of Nellis AFB, conducted an unannounced inspection of the permit # NV-23354. The 820th RHS has installed locked steel chain tie-downs for all four gauges inside the cinder block storage room as an additional independent physical control. Therefore, the second independent control is now installed and the violation is closed. The installation of chained tie down of all four gauges and cinder block storage room lock will satisfy the 10 CFR 30.34 (i).

5. If you have any questions, please contact me at 702-653-3449 or [issam.sebaihi.mil@mail.mil](mailto:issam.sebaihi.mil@mail.mil).

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Date: 2017.09.27 17:25:48 -0700

ISSAM SEBAIHI, Maj, BSC, USAF  
Installation Radiation Safety Officer

cc:

820 RHS/CC, Permittee (Col Herndon)

ACC/SGPB (Col Smith)

820 RHS/CEH (SSgt Lenguiya, MSgt Johnson and MSgt Ward)