

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  
U.S. Dept. of Commerce, NOAA  
Mauna Loa Observatory  
Hilo, Hawaii

2. NRC/REGIONAL OFFICE  
U.S. Nuclear Regulatory Commission  
Region IV, 1600 East Lamar Blvd  
Arlington, Texas 76011-4511

REPORT NO.: 2019-001

3. DOCKET NUMBER

030-03746

4. LICENSE NUMBER

05-11997-01

5. DATE(S) OF INSPECTION

July 23, 2019

## 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 violations(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 discretion, were satisfied.



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.

## 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			
NRC INSPECTOR	James L. Thompson		8/8/2019
BRANCH CHIEF	Patricia A. Silva		8/23/19



Non-Public



Sensitive – Security-Related



Public



Non-Sensitive

## Thompson, James

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**From:** Thompson, James  
**Sent:** Thursday, August 08, 2019 2:21 PM  
**To:** Brian Vasel - NOAA Federal  
**Subject:** RE: Wipe test results for Mauna Loa, HI  
**Attachments:** SKM\_C45819080814160.pdf

**Importance:** High

Brian,

Thank you for providing the leak test data for the four sources; I have attached the clear inspection report for the inspection performed on 7/23/2019, that we discussed today during our telephone discussion. Please print it out and maintain it with your records.

Thank you,  
-James

-----Original Message-----

From: Brian Vasel - NOAA Federal <brian.vasel@noaa.gov>  
Sent: Thursday, August 08, 2019 2:09 PM  
To: Thompson, James <James.Thompson@nrc.gov>  
Subject: [External\_Sender] Wipe test results for Mauna Loa, HI

James-

Attached is the results letter from the University of Colorado for our last round of wipe tests (February,2019).

Note that the four detectors currently at the site are listed below and I also highlighted them in red for you to make it easier to find them:

N730-15.23  
N739-271.45  
N755-15.49  
SS923

Best-  
Brian