

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: McConnell Dowell (American Samoa), Ltd. Materials Testing Lab, Tafuna Road Pago Pago, American Samoa		2. NRC/REGIONAL OFFICE  U.S. Nuclear Regulatory Commission Region IV, 1600 East Lamar Blvd Arlington, Texas 76011-4511	
REPORT NO.: 2017-001			
3. DOCKET NUMBER 030-38318	4. LICENSE NUMBER 56-29396-01	5. DATE(S) OF INSPECTION January 23-February 17, 2017	

**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 violation(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.
  - 1) License Condition 15, License 56-29396-01, Amendment 2, requires in part, the licensee to conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Contrary to the above, between Calendar Year 2013 and the date of the inspection on January 23, 2017, the licensee failed to perform a physical inventory every six months as required.

The licensee corrected this violation by performing this physical inventory after the inspection, and reviewing the requirements with the RSO, and placing a reminder in the RSO's and Site Manager's Microsoft Outlook calendar twice per year, to prevent this violation in the future.

(Continued on 591 Part 2)

**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	Nicholas A. Strange		2/17/2017
NRC INSPECTOR	James L. Thompson		2/17/2017
BRANCH CHIEF	Ray L. Kellar		2/17/17

Non-Public   
  Sensitive -- Security-Related   
  Public   
  Non-Sensitive

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(CONTINUED FROM PART 1)

2) License Condition 13, License 56-29396-01, Amendment 2, requires in part, that sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the NRC or by an Agreement State. Contrary to the above, from Calendar Year 2013 to the date of inspection on January 23, 2017, the licensee failed to test sealed sources for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the NRC or by an Agreement State. Specifically, the licensee possessed a Seaman portable gauge containing a sealed source of radium-226 that was required to be tested for leakage every six months, and had not been leak tested between Calendar Year 2013 and the date of inspection, a period that exceeded six months. Additionally, the licensee possessed a Humboldt Scientific portable gauge containing sealed sources of cesium-137 and americium-241 that were required to be tested for leakage every twelve months, and had not been leak tested between Calendar Year 2013 and the date of inspection, a period that exceeded twelve months.

The licensee corrected this violation by performing the required leak tests of the Humboldt portable gauges/sealed sources on February 6, 2017, and committed to perform a leak test for the Seaman portable gauge/sealed source during the month of February 2017. Additionally, the licensee placed a reminder in the RSO's and Site Manager's Microsoft Outlook calendar to prevent this violation from occurring in the future.

3) 10 CFR 20.1101(c) requires, in part, that the licensee shall periodically (at least annually) review the radiation protection program content and implementation. Contrary to the above, between February 2011 and the date of the inspection on January 23, 2017, the licensee failed to periodically (at least annually) review the radiation protection program content and implementation.

The licensee corrected this violation by performing a review of the radiation protection program content and implementation on February 7, 2017. Additionally, the licensee placed a reminder in the RSO's and Site Manager's Microsoft Outlook calendar to prevent this violation from occurring in the future.

## Thompson, James

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**From:** Nicholas Strange <Nicholas.Strange@mcdgroup.com>  
**Sent:** Friday, February 17, 2017 1:58 PM  
**To:** Thompson, James  
**Subject:** [External\_Sender] RE: Request to re-sign NRC Inspection Report  
**Attachments:** SPhotocopie17021621130.pdf

Hi James,

I understand.

Cheers

Nick

**Nicholas Strange | Project Manager | McConnell Dowell Constructors Ltd**  
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## DRIVING PROGRESS

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**From:** Thompson, James [mailto:James.Thompson@nrc.gov]  
**Sent:** Friday, 17 February 2017 8:08 a.m.  
**To:** Nicholas Strange <Nicholas.Strange@mcdgroup.com>  
**Subject:** Request to re-sign NRC Inspection Report  
**Importance:** High

Nick,

I apologize for resending this, but the Branch Chief was required to sign it before your signature, which was my mistake. Could you please sign this report again, date it with today's date, and send it back to me? That would close the loop on this inspection.

Thanks,  
-James