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JAN 09 2017

Date: January 3, 2017

DNMS

Division of Nuclear Materials  
Director Mark Shaffer  
USNRC Region IV  
1600 East Lamar Blvd  
Arlington, TX 76011-4511

RE: Event Notification "52411"  
"30 Day Written Report", regarding lost radiography camera in Bearing Sea.

Dear Mr. Mark Shaffer,

Acuren USA is supplying the following information as required in accordance with 10 CFR Part 20 Subpart M-Reports 20.2201.

Description of Material: Iridium (Ir-192), 26.3 curies, solid form  
Mfg.: QSA  
Model #: 424-9  
Exposure Device Model: 880 D S/N: D5276  
Exposure Device Serial Number: 32186G

At approximately 1030 EST on 12/7/2016 the RSO received a call regarding the Distress call from the FV-Exito. The ship had departed Dutch Harbor AK and was in transit to Akatun, AK. The vessel was approximately 12 mile from Dutch Harbor when the vessel went down. All personnel were ordered to don survival gear and abandon ship.

Interview with Radiographer verifies RAMC was on left onboard at that time. The vessel was lost, sea depths range from 300 ft. to 2400 ft.

- RAMC was being escorted by 2 carded radiographers and an assistant radiographer at the time.
- Radiographers had unescorted access to RAMC.
- RAMC was in a locked pelican case during transportation..
- It should be considered no exposure to individuals occurred, as source was not in use.

The USCG conducted a detailed search and rescue, debris field was observed and evaluated for the pelican case. Currently there is no intent to retrieve this vessel.

Should any additional information be required please contact Chris Dixon at 1-937-603-1481 or email at [cdixon@acuren.com](mailto:cdixon@acuren.com).

Respectfully,

A handwritten signature in black ink, appearing to read "Chris Dixon".

Christopher D. Dixon  
Radiation Safety Director  
Acuren USA