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June 15, 2016

ATTN: Document Control Desk, Director  
Office of Nuclear Materials and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

11555 Rockville Pike  
Rockville, Maryland 20852

RE: NRC License: 21-16560-01, Follow-Up Report for Event Notification No. 51963

Event Time and Date: 10:51 ET, May 27, 2016  
Event Notification Time: 16:44 ET, May 27, 2016  
Event Location: 66 Odell Road, Kanawha Head, WV (38.747952, -80.362592)  
Equipment: SPEC 150 camera, 62 Ci Ir-192 source, SPEC controls and associated equipment.

Radiographers were performing inspection of pipe fabrication welds when the guide tube connector failed and the guide tube disconnected from the exposure device. The source assembly failed to return to the shielded position, as evidenced by survey meter readings.

The crew maintained security of the area and notified the Division Manager, an Assistant RSO who has been trained in source retrieval, who in turn notified the License RSO. The Manager traveled to the site, completed an assessment, and retrieved the source back into the shielded position.

Evaluations: The quick connector was found to have a small amount of debris buildup that prevented the locking collar from springing completely closed. It was removed from service and replaced by a new connector. The balance of the equipment was found to be acceptable. This event is being shared with staff during annual refresher training.

At no time was a member of the general public in danger of being exposed. Employee exposures:  
Radiographer #1 – 12 mr for the day; Radiographer #2 – 10 mr for the day.  
Manager /Assistant RSO – 10 mr received during retrieval.

Point of contact regarding this event report:

A handwritten signature in black ink that reads "Steven C. Flickinger".

Steven C. Flickinger, RSO  
(517) 531-8210 ext. 1012, (517) 206-2640 (mobile) or email at [Steve.Flickinger@ApplusRTD.com](mailto:Steve.Flickinger@ApplusRTD.com).

cc.

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