

71-9283

General Information or Other (PAR)

Event # 42062

Rep Org: IVEYCOOPER SERVICES, LLC	Notification Date / Time: 10/18/2005 17:43 (EDT)
Supplier: INDUSTRIAL NUCLEAR COMPANY	Event Date / Time: 10/17/2005 (EDT)
	Last Modification: 10/18/2005
Region: 1	Docket #:
City: CHATTANOOGA	Agreement State: Yes
County:	License #:
State: TN	
NRC Notified by: DAVID W. IVEY	Notifications: JOHN KINNEMAN R1
HQ Ops Officer: STEVE SANDIN	MICHAEL MARKLEY NMSS
Emergency Class: NON EMERGENCY	
10 CFR Section:	
21.21 UNSPECIFIED PARAGRAPH	

PART 21 REPORT INVOLVING A RADIOGRAPHIC SEALED SOURCE WITH A POTENTIAL SAFETY CONCERN

The following information was provided via fax:

"On October 17, 2005 I became aware of a condition involving a radiographic sealed source that may prove to be a safety concern to users of the sources. The manufacturer was promptly notified of the condition and a resolution was provided to IveyCooper via memo. The attached supplier corrective action has been generated and transmitted to Industrial Nuclear for 'Root Cause' and 'Action to Prevent Recurrence' dispositions. It provides details of the discovered condition. I am providing this notification in accordance with the requirements of 10CFR21.

"Date: 10/17/05

"Supplier: Industrial Nuclear Company, 35 Flagship Dr., North Andover, MA 01845

"Due Date: 12/17/05

"Material: Model 702 Radiographic Source

"Quantity: 8 at IveyCooper, unknown quantity at other licensees

"Description of Nonconformance: Roll pins of source connectors protrude from the source connector bodies on sources purchased from Industrial Nuclear Company in North Andover, MA. The protruding pins may increase risk of disconnect or source hanging in guide tube. Per the manufacturer roll pins should not extend past the outer plane of the connector barrel. A dial caliper was used to determine the amount of stick-out. Note: Two of the sources had been in use since January 05. No operational problems had occurred during use.

IE20

General Information or Other (PAR)

Event # 42062

"Corrective Action Taken: Per memo from Industrial Nuclear Company the roll pins were filed to a flush condition using a hand file. Sources were secured and locked within the exposure device during the operation.



Date: 10/18/05

To: United States Nuclear Regulatory
Commission

Phone:

Fax: 301 816-5151

From: IveyCooper Services, LLC
David Ivey

Phone: 423-493-0097

Fax: 423-698-1625

Pages: 4

Subject: Report 10CFR21

IveyCooper
SERVICES, LLC

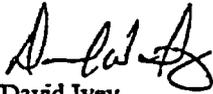
Tuesday, October 18, 2005

United States Nuclear Regulatory Commission
NRC Operations Center
Fax: (301) 816-5151 Phone: (301) 816-5100

Gentlemen:

On October 17, 2005 I became aware of a condition involving a radiographic sealed source that may prove to be a safety concern to users of the sources. The manufacturer was promptly notified of the condition and a resolution was provided to IveyCooper via memo. The attached supplier corrective action form has been generated and transmitted to Industrial Nuclear for "Root Cause" and "Action to Prevent Recurrence" dispositions. It provides details of the discovered condition. I am providing this notification in accordance with the requirements of 10CFR21.

Sincerely,



David Ivey
President

2802B Belle Arbor Ave. Chattanooga, TN 37406
Phone: (423) 493-0097 Fax: (423) 698-1625

**IveyCooper
SERVICES, LLC**

Supplier Corrective Action Request

S.C.A.R. No. 001

Date: 10/17/05

Supplier: Industrial Nuclear Company
35 Flagship Dr., North Andover, MA 01845

Due Date: 12/17/05

Material: Model 702 Radiographic Source

Quantity: 8 @ IveyCooper, unknown quantity at
other licensees

1. Description of Nonconformance: Roll pins of source connectors protrude from the source connector bodies on sources purchased from Industrial Nuclear Company in North Andover, MA. The protruding pins may increase risk of disconnect or source hanging in guide tube. Per the manufacturer roll pins should not extend past the outer plane of the connector barrel. A dial caliper was used to determine the amount of stick-out. (See attached photos / sketches.) Note: Two of the sources had been in use since January 05. No operational problems had occurred during use.

2. Root Cause: _____

3. Corrective Action Taken: Per memo from Industrial Nuclear Company the roll pins were filed to a flush condition using a hand file. Sources were secured and locked within the exposure device during the operation.

4. Action Taken to Prevent Recurrence: _____

Person Responsible for Implementation of Corrective Action: David W. Ivey

Corrective Action Effective Date: 10/17/05 Follow up Date: 12/01/05

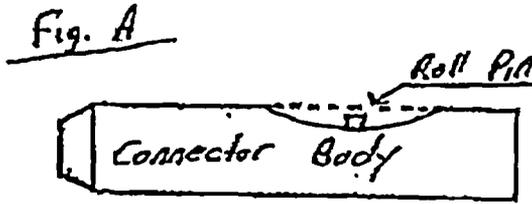
Quality Approval: David W. Ivey *[Signature]* Title: President

Management Concurrence: Clyde Cooper *[Signature]* Title: V. President

ICS Procedure QOP-14

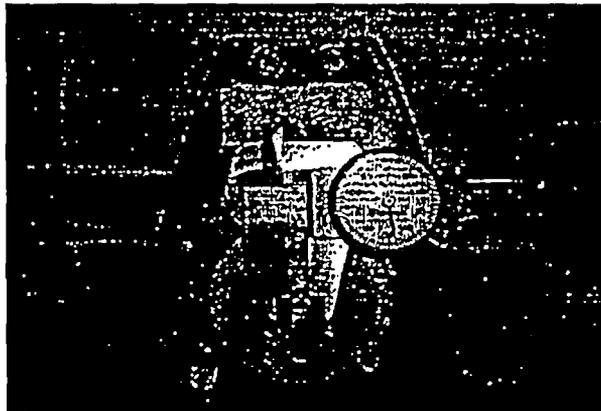
Form # 14 - CA-001

2802 B Belle Arbor Ave. Chattanooga, TN 37406
Phone: (423) 493-0097 Fax: (423) 698-1625

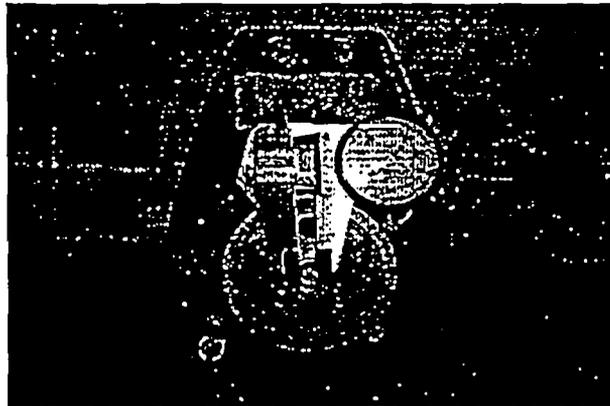


Roll Pin Flush or Below Flush With Connector Body

Connection Design



Measurement at Connector Barrel (.248")



Measurement at Roll Pin (.261")

2802 B Belle Arbor Ave. Chattanooga, TN 37406
Phone: (423) 493-0097 Fax: (423) 698-1625