

**Newport News Industrial  
Corporation of Ohio**

A Subsidiary of Newport News  
Industrial Corporation  
A Tenneco Company



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230--41st Street  
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Document Number 701-12794

June 27, 1983

United States Nuclear Regulatory Commission  
Region III - 799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Attention: Mr. D. J. Sreniawski, Chief  
Materials Radiation Protection Section 2

Subject: NRC Routine Safety Inspection - May 11, 1983

References: (a) Title 10 of the Code of Federal Regulations, Part 34  
(b) NRC Byproduct Material License Number 34-16805-01

Enclosures: (1) NNICO Quarterly Source Inventory dated July 10, 1981  
(2) NNICO Indoctrination and Training Session dated  
June 27, 1983

Dear Mr. Sreniawski:

This letter is written in response to the report of the routine safety inspection conducted on May 11, 1983, by Mr. Donald R. Gibbons. Appropriate corrective action has been taken in this matter as described below.

The violation noted in Item 1 of the Notice of Violation resulted from an NNICO misinterpretation of the leak testing requirements as specified in 10CFR34.25 (b) and Condition 12B of NNICO's Byproduct Material License Number 34-16805-01. Prior to this audit, sealed sources were in most cases being removed from use and placed in approved storage/shipping containers prior to the end of the six-month period requiring leak testing, with a "no leak test" notation made on appropriate quarterly source inventory documentation (Enclosure 1 identifies one example cited in the violation). Condition 12B of the NNICO license specifies that the six-month leak test "...does not apply to radiography sources that are stored and not being used." However, the second half of this condition states: "The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer." This requirement resulted in the noted violation, as sources ready for shipment had been considered exempted from leak testing.

This misinterpretation has now been corrected, and from now on all sealed sources will be leak tested in accordance with all applicable requirements. To avoid such occurrences in the future, an indoctrination and training session has been held with all NNICO radiographic



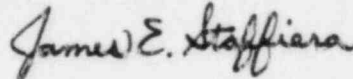
June 27, 1983

personnel who have "source transfer/leak test" responsibility, and all are now aware of the specified requirements (Enclosure 2). No additional corrective action is considered necessary.

An amendment of the NNICO Industrial Radiography Program (as represented by Byproduct Material License Number 34-16805-01) is currently being developed, identifying changes in the Company organization. Emphasis will be placed on this leak testing requirement in conjunction with this amendment, which is scheduled for submittal to the Nuclear Regulatory Commission in July.

Please contact me if you have any questions.

Yours very truly,



James E. Staffiera  
QA/QC Manager

cc: H. L. Dehoff, Corporate RSO, NNI-VA  
W. A. Lee  
T. E. Bond  
D. W. Richardson  
Records Center  
JES' corr. file



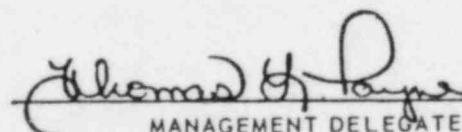


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**QUARTERLY SOURCE  
INVENTORY**

DATE SOURCE RECEIVED	1-14-81		5-5-81		
SOURCE NUMBER	14271 *		14541		
BYPRODUCT MATERIAL	Iridium 192		Iridium 192		Iridium 192
CHEMICAL AND/OR PHYSICAL FORM	Sealed Source		Sealed Source		Sealed Source
SUPPLIER	Auto. Ind.		Auto. Ind.		Auto. Ind.
ENCAPSULATION NUMBER	200-52 010		200-52 010		200-52
QUANTITY OF BYPRODUCT MATERIAL	22 CURIES		60 CURIES		
TYPE OF EXPOSURE DEVICE	Auto. Ind. Model 520		Auto. Ind. Model 520		Auto. Ind. Model 520
EXPOSURE DEVICE NUMBER	0095		390		
DATE OF LAST SWIPE TEST	1-13-81 *		5-1-81		
LOCATION OF BYPRODUCT MATERIAL	Perry Site		Perry Site		Perry Site
BYPRODUCT MATERIAL OWNED BY	NNICO		NNICO		NNICO
PERIOD OF POSSESSION	1-14-81 thru 9-25-81		5-5-81 thru 9-25-81		

BY:

  
MANAGEMENT DELEGATE

7/10/81

\* SOURCE Removed From Service 7-10-81  
(Prior to 6 month LEAK TEST) SOURCE being  
STORED UNTIL SOURCE CHANGER IS AVAILABLE  
TO RETURN FOR DISPOSAL

Enclosure 1  
Document Number 701-12794



