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Southern Nuclear Operating Company

the southern electric system

Dave Morey
Vice President
Farley Project

August 8, 1995

Docket No. 50-348

10 CFR 20.2201

U. S. Nuclear Regulatory Commission
ATTN.: Document Control Desk
Washington, D.C. 20555

Joseph M. Farley Nuclear Plant - Unit 1
Licensee Event Report 95-006-00
Licensed Material Shipped to Incorrect Destination by Common Carrier

Ladies and Gentlemen:

Joseph M. Farley Nuclear Plant Licensee Event Report No. 95-006-00 is being submitted in accordance with 10 CFR 20.2201. If you have any questions, please advise.

Respectfully submitted,

Dave Morey
Dave Morey

EFB:maf LMSIDCC.DOC

Attachment

cc: Mr. S. D. Ebnetter
Mr. B. L. Siegel
Mr. T. M. Ross

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NRC FORM 306 (5-89)		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED OMB NO. 3150-0104 EXPIRES: 4/30/92	
LICENSEE EVENT REPORT (LER)				ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.	
FACILITY NAME (1) Joseph M. Farley Nuclear Plant - Unit 1				DOCKET NUMBER (2) 05000348	PAGE (3) 1 OF 3
TITLE (4) Licensed Material Shipped to Incorrect Destination by Common Carrier					
EVENT DATE (5)		LER NUMBER (6)		REPORT DATE (7)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER
07	10	95	95	006	000
				REPORT DATE (7)	
				MONTH DAY YEAR	
				08 08 95	
OTHER FACILITIES INVOLVED (8)					
FACILITY NAMES					
FNP - Unit 2 05000364					
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 20.2201 (Check one or more of the following) (11)					
OPERATING MODE (9)		20.402(b)		20.405(c)	
POWER		20.405(a)(1)(i)		50.73(a)(2)(iv)	
LEVEL (10)		20.405(a)(1)(ii)		50.73(a)(2)(v)	
100		20.405(a)(1)(iii)		50.73(a)(2)(vi)	
		20.405(a)(1)(iv)		50.73(a)(2)(vii)(A)	
		20.405(a)(1)(v)		50.73(a)(2)(vii)(B)	
		20.405(a)(1)(vi)		50.73(a)(2)(viii)(i)	
				50.73(a)(2)(ix)	
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> 73.71(b) <input type="checkbox"/> 73.71(c) <input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 306A) 20.2201 </div> </div>					
LICENSEE CONTACT FOR THIS LER (12)					
NAME				TELEPHONE NUMBER	
R.D. Hill, General Manager - Nuclear Plant				AREA CODE	
				334 899-5156	
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)					
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	
SUPPLEMENTAL REPORT EXPECTED (14)					
YES (If yes, complete EXPECTED SUBMISSION DATE)				NO	
				<input checked="" type="checkbox"/>	
				EXPECTED SUBMISSION DATE (15)	
				MONTH DAY YEAR	
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)					
<p>On June 28, 1995 Farley Nuclear Plant (FNP) shipped a metallurgist X-ray analyzer to the owner, TN Technologies. The analyzer was correctly addressed and packaged by FNP and shipped by a common carrier, Emery Worldwide. On July 5, 1995 FNP contacted TN Technologies to verify delivery. The package had not yet been received. On July 6, 1995 Emery was contacted and they indicated the package was out for delivery. On July 10, 1995 Emery notified FNP that they were unable to locate the package and considered it lost. The isotopes within the metallurgist X-ray analyzer are licensed material and designated as "byproduct material" by the Code of Federal Regulations (CFR). Because the quantity of missing material exceeded the threshold defined by 10 CFR 20.2201 (a) (1)(i), FNP informed the NRC via the Emergency Notification System. On July 12, 1995 the unopened package was located and FNP notified the NRC that the package was no longer missing. The package was retrieved by Emery on July 12, 1995 and forwarded to the addressee, TN Technologies. The package arrived at TN Technologies on July 14, 1995.</p> <p>This event is being reported pursuant to 10 CFR 20.2201, "Reports of theft or loss of licensed material." 10 CFR 20.2201 directs nuclear power plant licensees to file a written report within 30 days of the telephone notification. Consistent with 10 CFR 20.2201 (b)(2) this written report is filed in accordance with the procedures of 10 CFR 50.73 (b), (c), (d), (e) and (g).</p>					

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Joseph M. Farley Nuclear Plant - Unit 1	DOCKET NUMBER (2) 05000348	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL YEAR	REVISION NUMBER			
		95	-006	-00	2	OF	3

TEXT (If more space is required, use additional NRC Form 366A's)(17)

Plant and System Identification

Westinghouse -- Pressurized Water Reactor

Energy Industry Identification System codes are identified in the text as [XX].

Description of Event

On June 28, 1995 Farley Nuclear Plant (FNP) shipped a metallurgist X-ray analyzer to the owner, TN Technologies. The analyzer was packaged and shipped as an exempt quantity in accordance with Department of Transportation regulations 49CFR 171.11 and 49CFR 173.421.

The package was correctly addressed. The package was shipped by a common carrier, Emery Worldwide. Coincident with shipment of the package to TN Technologies (located in Texas), a separate package addressed to Herguth Laboratories (located in California) was also picked up by Emery.

On July 5, 1995 FNP contacted TN Technologies to verify delivery. The package had not yet been received. On July 6, 1995 Emery was contacted and they indicated the package was out for delivery. On July 10, 1995 Emery notified FNP that they were unable to locate the package and considered it lost. The isotopes within metallurgist X-ray analyzer are licensed material and designated as "byproduct material" by the Code of Federal Regulations (CFR). Because the quantity of missing material exceeded the threshold defined by 10 CFR 20.2201 (a) (1)(i), FNP informed the NRC via the Emergency Notification System. On July 12, 1995 the unopened package was located at Herguth Laboratories, the destination to which the licensed material had been incorrectly delivered. FNP notified the NRC that the package was no longer missing. The package was retrieved by Emery on July 12, 1995 and forwarded to the addressee, TN Technologies. The package arrived at TN Technologies on July 14, 1995.

This event is being reported pursuant to 10 CFR 20.2201, "Reports of theft or loss of licensed material." 10 CFR 20.2201 directs nuclear power plant licensees to file a written report within 30 days of the telephone notification. Consistent with 10 CFR 20.2201 (b)(2) this written report is filed in accordance with the procedures of 10 CFR 50.73 (b), (c), (d), (e) and (g).

Description of Licensed Material

The device shipped by FNP was a metallurgist X-ray analyzer used to identify the composition of metals. The isotopes employed by the device are Fe-55 (45 millicuries) and Cd-109 (5 millicuries).

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FACILITY NAME (1) Joseph M. Farley Nuclear Plant - Unit 1	DOCKET NUMBER (2) 05000348	LER NUMBER (4)			PAGE (3)	
		YEAR 95	SEQUENTIAL YEAR - 00	REVISION NUMBER 1 - 00	3 OF 3	

TEXT (If more space is required, use additional NRC Form 366A's)(17)

Cause of Event

This event was caused by a shipping error on the part of the common carrier.

Safety Assessment

The health and safety of the public was not affected. The analyzer was packaged and shipped as an exempt quantity in accordance with Department of Transportation regulations 49CFR171.11 and 49CFR173.421. The package, as shipped, produced no detectable radiation. The package was not opened until received by the owner. If the package had been opened, the device would have required assembly and AC power to expose the isotopes. Therefore, it is concluded that no personnel radiation exposure resulted from this event.

Corrective Action

FNP contacted the owner to verify receipt following shipment of the licensed material. Once it became apparent that the package may have been misdirected, FNP initiated a trace through the shipper and took independent actions to locate the package. As a result the package was promptly recovered and redirected to the owner.

Corrective Action to Prevent Recurrence

Existing regulations provide for shipment of byproduct material via common carriers. Although potential for shipping errors of this type cannot be precluded, based on past experience, recurrence of a similar event is unlikely. On this basis no corrective action by FNP is warranted.

Additional Information

SNC is not aware of any previous similar events related to shipment of licensed material from FNP.