



Duke Energy

Oconee Nuclear Station
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W. R. McCollum, Jr.
Vice President

June 7, 2001

U.S. Nuclear Regulatory Commission
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Washington, D.C. 20555

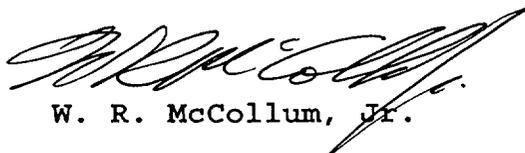
Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Licensee Event Report 270/2001-01, Revision 0
Problem Investigation Process No.: O-01-0815

Gentlemen:

Pursuant to 10 CFR 50.73 Sections (a)(1) and (d), attached is Licensee Event Report 270/2001-01, Revision 0, concerning a High Energy Line Break scenario with the potential to result in Cable Room temperature and humidity levels higher than the mild environment for which the equipment in the room is rated.

An engineering analysis is in progress to establish the expected room environment, the potential impact on equipment, and postulated consequences. At this time, engineering judgement indicates that the equipment in the cable rooms would have performed their required functions. This report is conservatively being submitted in accordance with 10 CFR 50.73 (a)(2)(v) and (ix) pending the results of the analysis. This event is considered to be of no significance with respect to the health and safety of the public.

Very truly yours,



W. R. McCollum, Jr.

Attachment

JE22

Document Control Desk

Date: June 7, 2001

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cc: Mr. Luis A. Reyes
Administrator, Region II
U.S. Nuclear Regulatory Commission
61 Forsyth Street, S. W., Suite 23T85
Atlanta, GA 30303

Mr. D. E. LaBarge
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

Mr. M. C. Shannon
NRC Senior Resident Inspector
Oconee Nuclear Station

INPO (via E-mail)

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

Estimated burden per response to comply with this mandatory information collection request: 50 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (3150-0104), Office of Management and

FACILITY NAME (1) Oconee Nuclear Station, Unit 2	DOCKET NUMBER (2) 050- 270	PAGE (3) 1 OF 1
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TITLE (4)
Cable Room Temperature and Humidity May Exceed Rating after Feedwater Line Break

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MO	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO	MO	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
04	09	01	2001	- 01 - 00		6	7	2001	Unit 3	050- 287
									Unit 1	050- 269

OPERATING MODE (9) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply) (11)									
POWER LEVEL (10) 100	20.2201(b)	20.2203(a)(3)(ii)	50.73(a)(2)(ii)(B)	X	50.73(a)(2)(ix)(A)					
	20.2201(d)	20.2203(a)(4)	50.73(a)(2)(iii)		50.73(a)(2)(x)					
	20.2203(a)(1)	50.36(c)(1)(i)(A)	50.73(a)(2)(iv)(A)		73.71(a)(4)					
	20.2203(a)(2)(i)	50.36(c)(1)(ii)(A)	X	50.73(a)(2)(v)(A)	73.71(a)(5)					
	20.2203(a)(2)(ii)	50.36(c)(2)		50.73(a)(2)(v)(B)	OTHER					
	20.2203(a)(2)(iii)	50.46(a)(3)(ii)		50.73(a)(2)(v)(C)	Specify in Abstract below or in NRC Form 366A					
	20.2203(a)(2)(iv)	50.73(a)(2)(i)(A)		50.73(a)(2)(v)(D)						
	20.2203(a)(2)(v)	50.73(a)(2)(i)(B)		50.73(a)(2)(vii)						
20.2203(a)(2)(vi)	50.73(a)(2)(i)(C)		50.73(a)(2)(viii)(A)							
20.2203(a)(3)(i)	50.73(a)(2)(ii)(A)		50.73(a)(2)(viii)(B)							

LICENSEE CONTACT FOR THIS LER (12)	
NAME L.E. Nicholson, Regulatory Compliance Manager	TELEPHONE NUMBER (Include Area Code) (864) 885-3292

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)									
CAUSE	SYSTEM	COMPONENT	MANU-FACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANU-FACTURER	REPORTABLE TO EPIX

SUPPLEMENTAL REPORT EXPECTED (14)				EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
X	YES (If yes, complete EXPECTED SUBMISSION DATE).	NO	NO		07	07	2001

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On April 9, 2001, with Oconee Units 1 and 2 in Mode 1 at 100 % rated power and Unit 3 in Mode 5 for a planned maintenance outage, an Engineering evaluation recognized the possibility that water may leak under doors from the East Penetration Room to the Cable Room during a postulated Main Feedwater line break in the East Penetration Room. If this occurred, equipment in the Cable Room could potentially be exposed to elevated temperature and high humidity. As an immediate conservative measure, seals have been installed on the doors to each Cable Room to limit the potential for water leakage into these rooms.

The Cable Rooms are designated as mild environment areas and a detailed analysis addressing the effects of elevated temperatures and high humidity on equipment located in these rooms does not exist. An engineering analysis is in progress to establish the expected environment in these rooms that could have been created by the postulated accident scenario prior to the recent installation of the door seals. Once these environmental conditions are established, the potential impact on the equipment in the room will be assessed, and then the impact of malfunction or loss of this equipment on our ability to have safely brought the plant to hot shutdown conditions will be considered. Following these activities, Duke will determine if this past condition meets reportability requirements. At this time, engineering judgement indicates that the equipment in the cable rooms would have performed their required functions and that this analysis will determine that the condition is not reportable.

This report will be supplemented or withdrawn based on the results of the on-going engineering analysis.