

October 25, 2004

LICENSEE: Duke Energy Corporation

FACILITY: Oconee Nuclear Station, Units 1, 2, and 3

SUBJECT: SUMMARY OF OCTOBER 5, 2004, MEETING TO DISCUSS POTENTIAL FLOODING IN THE AUXILIARY BUILDING (TAC NOS. MC4295, MC4296, AND MC4297)

On October 5, 2004, a Category 1 Meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Duke Energy Corporation (the licensee) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss potential flooding in the auxiliary building for Oconee Nuclear Station (Oconee), Units 1, 2, and 3. A list of attendees is provided as Attachment 1. Attachment 2 is the handout provided by the licensee during the meeting.

The licensee intends to perform modifications that would return all piping in the auxiliary building to its original licensing basis, with the exception of the piping associated with four sprinkler systems. The licensee intends to perform a realistic analysis that will demonstrate that the piping associated with these four sprinkler systems is not susceptible to failure following an earthquake.

The NRC staff made the following comments:

- (1) The licensee proposed to perform one analysis that would be bounding for the four sprinkler systems. The NRC staff stated that showing which of the four sprinkler systems is bounding may be very difficult and recommended that the licensee consider performing separate analyses for each sprinkler system.
- (2) The NRC staff expressed concern that acceptance of the licensee's proposal to utilize non-linear analytical techniques would require a significant review effort.
- (3) The NRC staff expressed concern that acceptance of the licensee's proposal to incorporate increased damping where appropriate would involve a significant review effort in order for the NRC staff to conclude that the increased damping is appropriate for use with the Oconee design basis earthquake spectrum.

Contact: L. N. Olshan, NRR/DLPM  
(301) 415-1419

The licensee stated that it would consider the NRC's comments before proceeding with the analytical effort.

Please direct any inquiries to Leonard N. Olshan at (301) 415-1419.

*/RA/*

Leonard N. Olshan, Sr. Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-269, 50-270, and 50-287

Attachments: As stated

cc w/atts: See next page

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**/RA/**

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Project Directorate II  
Division of Licensing Project Management  
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Docket Nos. 50-269, 50-270, and 50-287

Attachments: As stated

cc w/atts: See next page

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**ADAMS Accession Number: ML042920388 (Package)**  
**ADAMS Accession Number: ML042920363 (Meeting Summary)**  
**ADAMS Accession Number: ML042930203 (Attachment 2)**

OFFICE	PDII-1/PM	PDII-1/LA (A)	PDII-1/SC (A)
NAME	LOlshan	DClarke	MRoss-Lee
DATE	10/22/04	10/22/04	10/25/04

**OFFICIAL RECORD COPY**

Oconee Nuclear Station, Units 1, 2, and 3

cc:

Ms. Lisa F. Vaughn  
Duke Energy Corporation  
Mail Code - PB05E  
422 South Church Street  
Post Office Box 1244  
Charlotte, North Carolina 28201-1244

Ms. Anne W. Cottingham, Esquire  
Winston and Strawn  
1400 L Street, NW  
Washington, DC 20005

Manager, LIS  
NUS Corporation  
2650 McCormick Drive, 3rd Floor  
Clearwater, Florida 34619-1035

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
7812B Rochester Highway  
Seneca, South Carolina 29672

Mr. Henry Porter, Director  
Division of Radioactive Waste Management  
Bureau of Land and Waste Management  
Dept. of Health and Env. Control  
2600 Bull Street  
Columbia, South Carolina 29201-1708

Mr. Michael A. Schoppman  
Framatome ANP  
1911 North Ft. Myer Drive  
Suite 705  
Rosslyn, Virginia 22209

Mr. B. G. Davenport  
Regulatory Compliance Manager  
Oconee Nuclear Site  
Duke Energy Corporation  
ON03RC  
7800 Rochester Highway  
Seneca, South Carolina 29672

Ms. Karen E. Long  
Assistant Attorney General  
North Carolina Department of Justice  
Post Office Box 629  
Raleigh, North Carolina 27602

Mr. R. L. Gill, Jr.  
Manager - Nuclear Regulatory  
Issues and Industry Affairs  
Duke Energy Corporation  
526 South Church Street  
Mail Stop EC05P  
Charlotte, North Carolina 28202

Mr. Richard M. Fry, Director  
Division of Radiation Protection  
North Carolina Department of Environment,  
Health, and Natural Resources  
3825 Barrett Drive  
Raleigh, North Carolina 27609-7721

Mr. Peter R. Harden, IV  
VP-Customer Relations and Sales  
Westinghouse Electric Company  
6000 Fairview Road  
12th Floor  
Charlotte, North Carolina 28210

Mr. Henry Barron  
Group Vice President, Nuclear Generation  
and Chief Nuclear Officer  
Post Office Box 1006-EC07H  
Charlotte, North Carolina 28201-1006

**LIST OF ATTENDEES**

**MEETING TO DISCUSS POTENTIAL FLOODING IN THE AUXILIARY BUILDING**

**AT THE OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3**

**OCTOBER 5, 2004**

**NRC**

J. Fair

L. Olshan

M. Ross-Lee

**DUKE**

T. Brown

R. Gambrell

G. McAninch

J. Richards

J. Robertson