

September 18, 2002

LICENSEE: DUKE ENERGY COMPANY

FACILITY: OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3

SUBJECT: SUMMARY OF AUGUST 26 AND 27, 2002, MEETING TO DISCUSS  
TORNADO MITIGATION, FLOODING IN THE AUXILIARY BUILDING, AND  
TEMPORARY EXTENSION OF COMPLETION TIMES FOR KEOWEE HYDRO  
UNITS (TAC NOS. MB5361, MB5362, MB5363, MB6144, MB6145, AND  
MB6146)

On August 26 and 27, 2002, the Nuclear Regulatory Commission (NRC) met with Duke Energy (the licensee) to discuss (1) the licensee's June 7, 2002, submittal on tornado mitigation; (2) the licensee's forthcoming submittal on flooding in the auxiliary building; and (3) the licensee's August 22, 2002, submittal requesting amendments that would allow a temporary extension of the completion times for the Keowee hydro units (KHUs). Enclosure 1 is a list of the attendees. The handouts provided by the licensee are accessible electronically from the Agencywide Documents Access and Management System (ADAMS) Public Electronic Reading Room on the internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams/html> accession number ML022420135. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC PDR Reference staff by telephone at 1-800-397-4209 or 301-415-4737, or by e-mail to [pdrr@nrc.gov](mailto:pdrr@nrc.gov).

The licensee presented an overview of its June 7, 2002, amendment request that proposes to change the licensing basis with regard to the mitigation of tornadoes. The licensee is proposing to implement modifications (under the provisions of 10 CFR 50.59) that would protect the Standby Shutdown Facility (SSF) from tornado damage, and then utilize the SSF as the means to safely shutdown all 3 units after a tornado. The proposed licensing basis would also eliminate reliance on the flow path from the spent fuel pool to the high pressure injection system following a tornado.

The licensee discussed license amendments it intends to submit in Fall 2002 that would propose revisions to the licensing basis associated with the failure of the non-seismic piping in the auxiliary building. The submittal would use a risk-informed approach, following the guidelines of Regulatory Guide 1.174, "An Approach For Using Probabilistic Risk Assessment in Risk-Informed Decisions on Plant-Specific Changes to the Licensing Basis," to allow portions of the piping in the auxiliary building to be non-seismic.

Lastly, the licensee presented an overview of its August 22, 2002, amendment request that proposes temporary extensions to the completion times for the KHUs. The licensee stated that the extensions to the completion times are needed to accommodate a major inspection and overhaul of each KHU. The licensee is requesting approval of the amendments by May 16, 2003.

***/RA/***

Leonard N. Olshan, 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

Enclosure: As stated

cc w/encl: See next page

## LIST OF ATTENDEES

MEETING TO DISCUSS TORNADO MITIGATION, FLOODING IN  
THE AUXILIARY BUILDING, AND TEMPORARY EXTENSIONS  
TO THE COMPLETION TIMES FOR THE KEOWEE HYDRO  
UNITS

AUGUST 26 AND 27, 2002

### **TORNADO MITIGATION DISCUSSION**

#### **NRC**

C. Doult  
G. Hammer  
D. Harrison  
D. Jeng  
B. LeFave  
L. Lois  
L. Olshan  
J. Tatum  
S. Weerakkody  
J. Zwolinski (part-time attendance)

#### **DUKE**

D. Brewer  
E. Burchfield  
L. Kanipe  
S. Newman  
L. Nicholson

### **AUXILIARY BUILDING FLOODING**

#### **NRC**

S. Dinsmore  
L. Olshan

#### **DUKE**

D. Brewer  
E. Burchfield  
G. McAninch  
S. Nader  
L. Nicholson  
J. Richards  
B. Shingleton

### **COMPLETION TIMES OF KEOWEE HYDRO UNITS**

#### **NRC**

S. Dinsmore  
J. Lazevnick  
L. Olshan  
M. Pohida  
M. Waterman

#### **DUKE**

D. Brewer  
E. Burchfield  
J. Fuller  
L. Nicholson  
J. Rowell  
B. Shingleton

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September 18, 2002

Lastly, the licensee presented an overview of its August 22, 2002, amendment request that proposes temporary extensions to the completion times for the KHUs. The licensee stated that the extensions to the completion times are needed to accommodate a major inspection and overhaul of each KHU. The licensee is requesting approval of the amendments by May 16, 2003.

**/RA/**

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OCONEE NUCLEAR STATION, UNIT 1, 2, AND 3

SUMMARY OF AUGUST 26 AND 27, 2002, MEETING TO DISCUSS TORNADO MITIGATION, FLOODING IN THE AUXILIARY BUILDING, AND TEMPORARY EXTENSION OF COMPLETION TIMES FOR KEOWEE HYDRO UNITS (TAC NOS. MB5361, MB5362, MB6144, MB6145 AND MB6146)

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