



BRUCE H HAMILTON
Vice President
Oconee Nuclear Station

Duke Energy Corporation
ON01VP / 7800 Rochester Highway
Seneca, SC 29672

864 885 3487
864 885 4208 fax
bhhamilton@duke-energy.com

May 10, 2006

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

Subject: Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC
Oconee Nuclear Station
Docket Nos. 50-269, 50-270, 50-287
Generic Letter 96-06: Assurance of Equipment Operability and Containment Integrity During Design-Basis Conditions - Waterhammers - Supplemental Information Regarding Modification Schedules

Generic Letter (GL) 96-06, "Assurance of Equipment Operability and Containment Integrity During Design Basis Conditions" was issued on September 30, 1996. GL 96-06 requested licensees to determine if containment air cooler cooling water systems are susceptible to either waterhammer or two-phase flow conditions during postulated accident conditions and to determine if piping systems that penetrate containment are susceptible to thermal expansion of fluid that could lead to overpressurization of piping. Duke Energy Carolinas (Duke) responded to the GL 96-06 in submittals to the NRC dated October 29, 1996, January 28, 1997, April 15, 1997, June 30, 1997, August 1, 1997, May 28, 1998, September 22, 1998, December 17, 1998, September 30, 2002, March 24, 2003 and September 29, 2003.

In the September 30, 2002 letter, Duke indicated that although the required systems remained operable, certain code allowables associated with the piping and the present piping support/restraint system would be exceeded without implementation of modifications to reduce the magnitudes of waterhammers. The letter also provided the conceptual scope of the proposed modifications and indicated that the schedules to complete the additional modifications would be provided when the plans and schedule for the modifications were developed.

Duke originally planned to implement the design modifications described in Attachment 1 to the September 30, 2002 letter on the following schedule:

<u>Unit</u>	<u>End-of Cycle Outage No.</u>	<u>Approximate Date</u>
3	22	Spring 2006
1	24	Spring 2008
2	23	Fall 2008

A072

However, during development and scoping for the modification addressing LPSW System drainage, Duke determined that NRC review and approval is necessary prior to implementation. Due to the additional time necessary to support NRC review and approval, Unit 3's modification will not be implemented until End-of-Cycle Outage No. 23 currently scheduled for Fall, 2007. Unit 1 and 2's modifications are still scheduled for each unit's respective outage in 2008.

Please address any questions to Reene' Gambrell at 864-885-3364.

Very truly yours,



B. H. Hamilton,
Site Vice President
Oconee Nuclear Station

cc: Mr. W. D. Travers, Regional Administrator
U. S. Nuclear Regulatory Commission, Region II
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

Mr. L. Olshan, Project Manager
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop O-14 H25
Washington, D.C. 20555

Mr. M.C. Shannon
Senior Resident Inspector
Oconee Nuclear Site

bcc: Lisa F. Vaughn
Graham Davenport
C. Jeff Thomas – MNS
Randy D. Hart – CNS
Robert L. Gill -NAID
Reene V. Gambrell
Timothy D. Brown
Richard J. Freudenberger
Steve D. Capps
George K. Mc Aninch
Elizabeth S. Durham
Lenny J. Azzarello

BWOG Tech Spec Committee (5)
NSRB, EC05N
ELL, EC05O
ONS Document Management (OS-293)

Commitments