



SERIAL: HNP-05-027

U. S. Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

FEB 25 2005

**SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
NOTIFICATION OF MODIFICATION ACTIVITIES TEMPORARILY AFFECTING THE
HARRIS NUCLEAR PLANT EMERGENCY RESPONSE DATA SYSTEM**

Ladies and Gentlemen:

The purpose of this letter is for the Harris Nuclear Plant (HNP), of Carolina Power & Light Company, doing business as Progress Energy Carolinas, Inc., to provide notification to the NRC of plans for testing and modification of the Emergency Response Facility Information System (ERFIS) computer system. The modification will replace the existing ERFIS computer system with a new, substantially improved, more reliable system.

In preparation for this modification, HNP began informing the NRC in June 2004 of several 36 hour tests and the temporary interruption in the availability of Emergency Response Data System (ERDS) computer points via the NRC data link. HNP plans to conduct an additional test in mid-March, 2005 and complete the modification in mid-April, 2005.

Although the ERDS data points will be unavailable for electronic transmission via the data link for approximately 36 hours during the test weekend and for approximately one week during the ERFIS replacement, communication of critical plant parameters to the NRC will remain available via the Emergency Telecommunications System (ETS) or commercial telephone.

In order to keep the NRC apprised of ERDS availability during these planned activities, HNP will notify the NRC Operations Center when the system is taken out of service and again when ERFIS is restored. HNP does not consider these notifications to be immediate notifications required by 10 CFR 50.72(b)(3)(xiii). At completion of the testing or the modification, HNP will return the ERFIS system to service with no effect on ERDS transmission format or computer communication protocol.

Please contact me at (919) 362-3137 if you have any questions regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read 'David H. Corlett', written over a horizontal line.

David H. Corlett
Supervisor, Licensing/Regulatory Programs
Harris Nuclear Plant

DHC/rgH

c: Mr. R. A. Musser, NRC Sr. Resident Inspector
Mr. C. P. Patel, NRC Project Manager
Dr. W. D. Travers, NRC Regional Administrator

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