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**DUKE POWER**

October 9, 1996

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

Subject: Oconee Nuclear Station  
Docket Number 50-269, 50-270, 50-287  
Emergency Response Data System

Pursuant to the requirements of 10CFR50, Appendix E, Section VI, parts 3.a and 3.b, the following is a notification of the modifications to be implemented on the Emergency Response Data System (ERDS) for the Duke Power Company Oconee Nuclear Station Unit 3 (ONS Unit-3).

**1. General**

Duke Power is replacing its Operator Aid Computer (OAC) system at all its nuclear units. The vendor, Science International Applications International Corp., (SAIC) is providing the replacement systems. The ERDS application will be an integral part of the new OAC versus the current separate stand-alone system.

For Oconee Unit-3, this replacement will occur during the upcoming Fall 96 outage which was scheduled to occur from 11/04/96 to 12/10/96. However, based on recent events at Oconee, Unit-3 was forced to start its refueling outage early. Unit 3 was brought down on 10/4/96. The existing Unit-3 OAC will be removed and replaced during this outage. Post-modification testing will then commence and continue throughout the end of November. An estimated end date is not available at this time. The ERDS system will be removed from service on 10/10/96 with a projected availability for testing on 11/29/96. During the removal/replacement time period, only the ONS-3 ERDS system will be unavailable, Unit-1 and Unit-2 ERDS will not be effected. ERDS data will be gathered manually and distributed by facsimile during this outage period as requested by the NRC.

**2. ERDS Application**

The Duke Power ERDS system is a standard SAIC application product which is already in service at several other nuclear plants, including Catawba Unit-1. It is proposed that the detailed testing that was performed during the initial ERDS installation with Halliburton NUS Corporation not be performed again. The regular ERDS test tentatively scheduled for 11/30/96 will be used to demonstrate ERDS operability as defined in NUREG 1394, part 3.7.

**3. Plant Attribute Library (PAL)**

The Plant Attribute Library information (PAL) for ONS-3 will not be revised. All communications protocols, messages, quality codes and formats are unaffected by this modification.

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**4. Data Point Library (DPL)**

The Data Point Library (DPL) for ONS-3 will be revised during the Unit 3 OAC replacement. The DPL sheets noting the changes will be forwarded at a later date.

In summary, changes to the Data Point Library reflect the following:

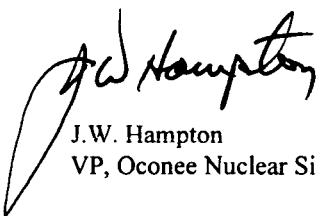
- The computer point identification ( Point ID ) has been changed from five-characters to seven-characters. The new Point ID names have a site and unit prefix added.
- Alarm or Trip Setpoint limits (LOW/HIGH) have been changed, where applicable, as a result of the computer replacement design review effort.
- Some computer Point-IDs have been changed due to the new OAC point naming convention.

**5. NRC Implementation**

Changes to the DPL should be implemented by the NRC on their ERDS computer during the time frame associated with ONS-3 ERDS unavailability (10/10/96 - 11/29/96 ). The NRC is requested to send to Duke a printout or electronic copy of the revised DPL for ONS 3 following revision of our record. Duke will notify the NRC by phone if these projected dates change.

It is requested that the NRC review the above information for acceptability by 10/21/96. Should there be any questions or additional information be required, please contact Mr. Bill Edge at (864)885-3872, fax (864) 885-4028.

Very truly yours,



J.W. Hampton  
VP, Oconee Nuclear Site

cc: Mr. S.D. Ebnetter, Regional Administrator  
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