

Central File

DUKE POWER COMPANY NRC REGION II
POWER BUILDING ATLANTA, GEORGIA

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WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

August 27, 1980

TELEPHONE: AREA 704
373-4083

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Re: RII:JPO
50-269, -270, -287

Dear Sir:

Regarding your letter of June 18, 1980 which transmitted IE Bulletin 80-15, Duke Power Company has reviewed the Emergency Notification System (ENS) at the Oconee Nuclear Station (ONS) and has verified that this system is powered by on-site power, but does not have backup on-site emergency power. This information was relayed to the NRC Operations Center on June 26, 1980 in accordance with the subject bulletin. Additional review of the ENS since that time, however, has clarified its power system, and Duke Power Company considers that adequate emergency power is available to the ENS at all times without any modifications to the system.

During normal operation, the ENS power is supplied by normal on-site power in order to provide the signal amplification necessary to carry simultaneous use of several of the ENS extensions. Southern Bell has indicated that transmission with three of the extensions in use has been verified, but that transmission with additional extensions in use cannot be guaranteed. If a power failure occurs at the Oconee site, emergency power is supplied to the ENS by the Southern Bell system. Southern Bell has indicated that transmission with two extensions in use would be possible with this emergency power. If a power failure occurs at the Southern Bell office, emergency power to the system would be supplied by a diesel generator, with no degradation of transmission quality.

The minimum acceptable operation of the ENS is transmission with one extension in service. This is ensured with the emergency power supplied by Southern Bell, which can support up to two extensions. Even with normal power, operability cannot be guaranteed for the simultaneous use of more than three extensions. Duke Power Company considers that an adequate back-up power source for the ENS already exists and that the intent of Bulletin 80-15 is satisfied without any modifications to the Oconee system.

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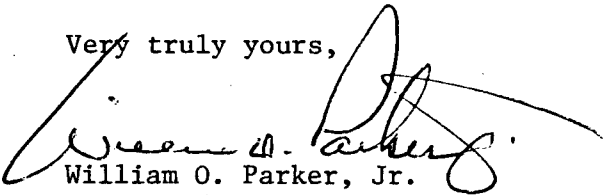
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A station modification will soon be implemented to connect the power supply of the normal phone system at Oconee to non-load-shed, vital buses. In order to ensure even greater reliability in the ENS, this system has been added to the modification and will likewise be connected to a vital power bus.

Per your request for an estimate of the manpower expended in responding to this bulletin, approximately ten manhours were required to provide the review of the ENS and prepare this report.

Very truly yours,


William O. Parker, Jr.

FTP:scs

cc: Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Washington, D. C. 20555