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In the Matter of
 Carolina Power & Light Company and North
 Carolina Eastern Municipal Power Agency
 (Shearon Harris Nuclear Power Plant)
 Docket No. 50-400(96)

Administrative Judges Kelley, Bright and Carpenter:

This letter provides information requested by the Board regarding the schedule established by Applicants Carolina Power & Light Company and North Carolina Eastern Municipal Power Agency for testing and inspections of the two Transamerica Delaval, Inc. (TDI) diesel generators installed at the Shearon Harris Nuclear Power Plant for standby emergency power.

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In late 1983, the utility owners of TDI diesel generators formed an owners group to resolve generic technical and regulatory issues associated with identified operational problems with TDI diesels. On March 2, 1984, the TDI Owners Group submitted a "TDI Diesel Generator Owners Group Program Plan" to the Director of the NRC's Office of Nuclear Reactor Regulation. This program plan consists of three major components:

- 1) resolution of generic problems;
- 2) design review of important engine components and quality revalidation of important attributes for selected engine components; and
- 3) expanded engine testing and inspection.

The TDI Owners Group program plan identified sixteen significant potential generic problems with the diesel generators. Phase I of the Owners Group program is to identify technical resolutions of each of the generic problems as they might be applicable to the various configurations of TDI diesel generators. (There are significant differences between the R-48 engines at the Shoreham, River Bend and Rancho Seco Plants; the V-16 engines at Grand Gulf, Catawba, Perry, Comanche Peak, Vogtle and Harris Plants; the V-12 engines at the Midland Plant; and the V-20 engines at the San Onofre Plant.) As of this date, Phase I reports covering each of the sixteen originally identified problem areas applicable to the V-16 engines at the Harris Plant have been submitted to the NRC for review. Several supplemental reports will be submitted in the near future. The first Safety Evaluation Report on a V-16 engine -- Grand Gulf -- was issued by the NRC on July 24, 1984.

The TDI Owners Group is continuing its efforts on the design review/quality revalidation program (Phase II). A Phase II report is due to be submitted to the Applicants at the end of October. Thereafter, each individual utility will submit to the NRC a Phase II report applicable to its specific diesel generators. It is not anticipated that completion of Phase II design review and quality revalidation will be required prior to licensing plants for operation through at least one fuel cycle.

The third aspect of the TDI Owners Group program is individual inspections and testing of engines. The Harris inspection program began July 16, 1984 on both engines. The engines have been disassembled and are in the process of undergoing visual, eddy-current, and ultra-sonic inspections; hardness testing; material checks; verification of as-built dimensions;

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Letter to the Administrative Judges

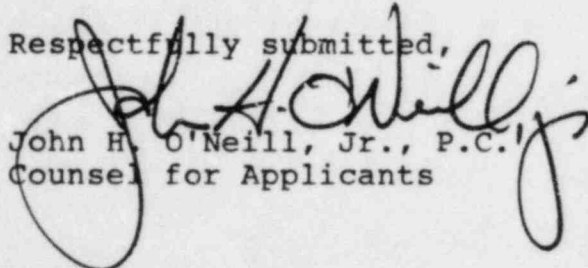
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and component walk-down inspection. Where deficiencies are identified corrective action will be initiated. This preoperational inspection program is expected to be completed on August 31, 1984. Applicants would be in a position to submit the results of the preoperational inspection program after their receipt of the Phase II Report, sometime during the last quarter of 1984.

Subsequent to the pre-operational inspection, both diesels will undergo operational testing, presently scheduled for the last quarter of 1984 and early 1985. Thereafter, a post-operational inspection will be conducted, presently scheduled for March and April 1985.

Respectfully submitted,


John H. O'Neill, Jr., P.C.
Counsel for Applicants

JO'N/dy

cc: Attached Service List

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)
)
CAROLINA POWER & LIGHT COMPANY) Docket No. 50-400 OL
and NORTH CAROLINA EASTERN)
MUNICIPAL POWER AGENCY)
)
(Shearon Harris Nuclear Power)
Plant))

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