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September 1, 1982

G. D. McLendon
Senior Vice President

Mr. F. J. Miraglia, Jr.
Chief, Licensing Branch No. 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

W3P82-2561
Q-3-N21

SUBJECT: Waterford 3 SES
Docket No. 50-382
Independent Design Review
Of Emergency Feedwater System

Dear Mr. Miraglia:

Enclosed are copies of the revised Program Plan for Independent Design Review of the Emergency Feedwater System incorporating the changes resulting from the meeting on August 26, 1982. Four basic changes have been made. The first makes the review of Dravo and Bergen/Patterson work explicit. Previously the review of major design organizations other than LP&L, CE and Ebasco was implicit.

The second change incorporates the physical verification walkdown into the program (the new Task D).

The third change incorporates review of the design of the HVAC system in one room or HVAC area containing environmentally sensitive EFW equipment. The plan indicates that the heat sources in the area will be identified, the calculations leading to air flow and temperatures reviewed, the duct sizing reviewed and the mechanical/structural design of the ducts reviewed.

The fourth change explicitly incorporates the review of the design organizations handling of Condition Identification Work Authorizations (CIWAs) associated with the emergency feedwater system.

As clarified in the meeting, as part of Task C, review will be conducted of the steam supply path to the turbine drive pump for potential condensate build-up or water slugging which would adversely affect turbine drive operability. This would also include review of the steam exhaust path (see Subtask C.4c). Also, as part of the instrumentation and controls review, the review of the slope criteria for instrument tubing (see C.4b) will be included.

This program is being initiated immediately assuming any additional changes will be finalized within a week.

Sincerely,

G. D. McLendon

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GCM/pco

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A PDR

cc: E. Blake, M. Stevenson, S. Black (with attachment), R. H. Vollmer (with attachment), Les Constable

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