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Georgia Power

the southern electric system

NED-84-076

April 3, 1984

Director of Nuclear Reactor Regulation
Attention: Mr. John F. Stolz, Chief
Operating Reactors Branch No. 4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC DOCKETS 50-321, 50-366
OPERATING LICENSES DPR-57, NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNITS 1 AND 2
NOTIFICATION OF POTENTIAL PROBLEM REGARDING
THE 10 CFR 50.49 EQUIPMENT QUALIFICATION DEADLINE

Gentlemen:

In accordance with the requirements of 10 CFR 50.49(h), Georgia Power Company (GPC) hereby provides notification of equipment qualification problems which could result in a request for extension of the rulemaking deadline (i.e., end of the second refueling outage after March 31, 1982). The problems being encountered involve the qualification testing program for the PYCO Resistance Temperature Detectors (RTDs), and seismic qualification of new environmentally qualified valve motor operators which were purchased to replace unqualifiable equipment. GPC has determined that these problems could require extensions of the deadline.

On September 20, 1983, PYCO transmitted their Qualification Test Report No. 16436-82N, rev.1, which applies to RTDs which are in use at Plant Hatch. This report revealed several anomalies with regard to LOCA testing, which could compromise their qualification. PYCO plans to submit additional information which GPC believes will satisfactorily resolve all difficulties with qualification of these RTDs. However, a date for summittal of this information has not yet been determined and it could be later than the currently forecast, outage based deadline for Hatch-2.

Additionally, GPC is currently awaiting completion of a seismic analysis by Velan Valve Corporation, which was due January 20, 1984, for the motor operator on valve 2E41-F012. GPC believes that the analysis, when completed, will show the motor to be seismically qualified; however, should

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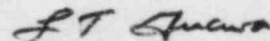
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Page Two

this not be the case procurement of a replacement operator would probably exceed the environmental qualification deadline. Analyses performed by Alloyco-Walworth indicate that the motorized operators for valves 2E11-F016A&B, 2E11-F021A&B, and 1E11-F021A&B which were procured as environmentally qualified replacements are too large to meet seismic criteria. GPC has high confidence that a more refined reanalysis for the 1E11-F021 actuators will allow them to be used with no impact on the qualification deadline. Limitorque Corporation is scheduled to begin an analysis in the next few weeks for all four 2E11 actuators to determine whether smaller operators can be used in lieu of having to replace each entire valve/actuator assembly. Should new valves be required these items will surely impact the qualification deadline, and even if smaller actuators will correct the problem, the procurement and installation of these devices will probably still exceed the deadline.

Therefore, GPC will very likely be submitting a formal request for extension of the 10 CFR 50.49 deadline for the actuators on valves 2E11-F016A&B and 2E11-F021A&B in the near future. However, GPC has no intention at this time of requesting an extension on the qualification of any items within the scope of the Plant Hatch 10 CFR 50.49 program that would exceed the final regulatory deadline of March 31, 1985.

Very truly yours,



L. T. Gucwa

CBS

xc: J. T. Beckham, Jr.
H. C. Nix, Jr.
J. P. O'Reilly (NRC-Region II)
Senior Resident Inspector