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*the southern electric system*

NED-84-387

July 19, 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 DOCKET 50-321  
OPERATING LICENSE DPR-57  
EDWIN I. HATCH NUCLEAR PLANT UNIT 1  
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 qualification deadline (i.e., end of the second refueling outage after March 31, 1982, not to exceed March 31, 1985).

The problems encountered result from the inability of PYCO, Inc. to provide documentation which completely demonstrates environmental qualification for certain Resistance Temperature Detectors (RTDs) currently in use at Plant Hatch. GPC had assumed that PYCO would be able to qualify its RTDs for continued use at Plant Hatch. Upon discovery that this would not be possible, GPC decided to replace the PYCO RTDs with a similar type from Weed Instrument Company, Inc. The Weed devices are environmentally qualified for the intended Plant Hatch applications.

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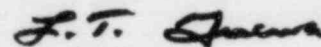
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Page Two

GPC plans to complete the necessary replacement of PYCO RTDs with the appropriate qualified instruments during the Hatch-2 outage currently in progress. However, the scheduled ten-week Unit 1 outage, which should begin around the first of October (which serves as the equipment qualification deadline outage per 10 CFR 50.49(g)), may not be of sufficient duration to allow for replacement of all RTDs needed to meet the requirements of the qualification rule. Therefore, GPC may be requesting an extension of the qualification deadline in the near future for a portion of these Hatch-1 devices. Enclosure 1 to this letter provides a listing of the PYCO RTDs on Unit 1 which are being replaced to meet the environmental qualification rule.

GPC previously submitted information regarding problems with the qualification of the subject equipment by letter dated April 3, 1984 (NED-84-076). The information in this submittal updates and supersedes the PYCO RTD related information contained in that earlier letter.

Sincerely yours,



L. T. Gicwa

CBS

Enclosure

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

ENCLOSURE 1

NRC DOCKET 50-321  
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NOTIFICATION OF POTENTIAL PROBLEM REGARDING THE  
10 CFR 50.49 EQUIPMENT QUALIFICATION DEADLINE

The following Plant Hatch Unit 1 PYCO Resistance Temperature Detectors (RTDs) are being replaced with environmentally qualified Weed Instrument Company devices:

T41-N019A,B  
T41-N020A,B  
T41-N021A,B  
T41-N022A,B

T47-N005  
T47-N008

T48-N009E,F,G,H  
T48-N301A  
T48-N302A  
T48-N303A  
T48-N304A  
T48-N305A  
T48-N306A  
T48-N307A  
T48-N308A  
T48-N309A  
T48-N310A  
T48-N311A