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Georgia Power

the southern electric system

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November 26, 1985

Director of Nuclear Reactor Regulation
Attention: Mr. D. Muller, Project Director
BWR Project Directorate No. 2
Division of Boiling Water Reactor 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
REVISION OF PREVIOUSLY SUBMITTED PLANS FOR
ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT

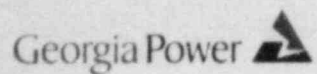
Gentlemen:

By letter dated July 19, 1984 (NED-84-387), Georgia Power Company (GPC) submitted details of our plan for environmental qualification of certain items of electrical equipment which fall within the scope of 10 CFR 50.49 at Plant Hatch Unit 1. The items of concern are Resistance Temperature Detectors, (RTD's) which were specifically listed in Enclosure 1 to the above referenced letter. GPC has revised the action plan for completing environmental qualification for some of those listed devices and provides the following update for your information.

GPC had previously stated that the above referenced RTD functions, which were then fulfilled using unqualified devices supplied by PYCO, Inc., would be replaced with similar devices manufactured by WEED Instrument Company, Inc. which are fully qualified in accordance with 10 CFR 50.49. Subsequent to our July 19, 1984 submittal, we have been able to qualify some of the PYCO devices listed in enclosure 1 to that submittal, have deleted some of the RTDs that did not perform any of the functions listed in 10 CFR 50.49(b) and we have replaced two of the PYCO RTDs in the enclosure (T47-N005 and T47-N008) with WEED RTDs (T47-N003 and T47-N009). Enclosure 1 to this letter specifies which qualification resolution method was utilized for each numbered sensor.

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The revised actions outlined above have been completed for Unit 1.

Yours very truly

A handwritten signature in cursive script, appearing to read "L T Gucwa".

L. T. Gucwa

CBS/lc

Enclosure

c: Mr. James P. O'Reilly
Mr. J. T. Beckham, Jr.
Mr. H. C. Nix, Jr.
Sr. Resident Inspector
GO-NORMS

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ENCLOSURE 1

NRC DOCKET 50-321
OPERATING LICENSES DPR-57
EDWIN I. HATCH NUCLEAR PLANT UNIT 1
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ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT

The environmental qualification resolution of each of the Plant Hatch Unit 1 Resistance Temperature Detectors (RTD's) identified below has been completed as follows:

The following RTD functions which were previously listed in Enclosure 1 to the GPC letter dated July 19, 1984, have since been deleted from the 10 CFR 50.49 Master List:

T41-N022 A, B
T47-N005
T47-N008
T48-N009 E, F, G, H

The following RTD functions which were previously listed in Enclosure 1 to the GPC letter dated July 19, 1984 have been environmentally qualified using sensors supplied by PYCO, Inc.:

T41-N019 A, B
T41-N020 A, B
T41-N021 A, B
T48-N301 A
T48-N302 A
T48-N303 A
T48-N304 A
T48-N305 A
T48-N306 A
T48-N307 A
T48-N308 A
T48-N309 A
T48-N310 A
T48-N311 A

The following environmentally qualified Weed Instrument Company, Inc. RTD's have been added to the Plant Hatch Unit 1 10 CFR 50.49 Master List:

T47-N003
T47-N009