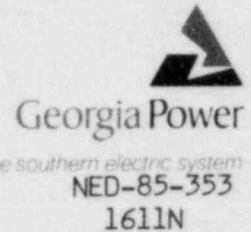


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L. T. Gucwa
Manager Nuclear Engineering
and Chief Nuclear Engineer



April 30, 1985

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 1,2
VERIFICATION OF OPERABILITY OF CABLE TRAY SUPPORTS

Gentlemen:

Georgia Power Company's (GPC) letter NED-85-032 dated January 16, 1985, provided details on the long-term program for corrective action associated with our cable tray support verification program. As noted in that letter, the objective of the program is to verify that the seismic qualification of safety-related cable tray supports meets the requirements specified in the appropriate Plant Hatch Final Safety Analysis Report (FSAR). If a support cannot be shown to meet these requirements, the support will be evaluated against the operability criteria included previously as an attachment to our letter NED 84-641, dated December 28, 1984 to determine reportability. In addition, the support will be modified to meet FSAR criteria.

In the case of Unit 1, letter NED 84-641 indicated 258 cable tray supports in Unit 1 and shared structures had been analyzed as of December 28, 1984. Of these 258 supports, 144 met the FSAR criteria and the remaining 114 met the operability criteria. Since December 28, 1984, 192 of these 258 supports have been reanalyzed using the higher damping allowables referenced in letter NED-85-031, dated January 16, 1985. In addition, 205 other supports have been evaluated using the higher damping values as part of our on-going (not directly related) design change request (DCR) work. Thus, based on this analysis effort, 374 of the 463 supports evaluated meet the FSAR criteria and the remaining 89 meet the operability criteria. A schedule for modifying the supports discussed in letter NED-84-641 which do not meet FSAR criteria is included in Attachment A. The remaining supports will be modified as part of our on-going DCR work.

Letter NED 84-641 further stated that an additional 60 supports on Unit 1 were chosen from a field walkdown. The purpose of the walkdown was to

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April 30, 1985
Page 2

choose supports which were judged to be the most critical supports. Preliminary results of the evaluation of these 60 supports show that 26 meet FSAR criteria. Of the remaining 34 supports, 28 meet the operability criteria and 6 are under evaluation pending receipt of additional field data. Attachment A also includes a schedule for modifying these 34 supports.

For Unit 2, the status of the evaluation of supports was also reported in letter NED 84-641. As of December 28, 1984, 983 Unit 2 supports had been evaluated. Of the 983 Unit 2 supports, 922 met FSAR criteria while 55 met the operability criteria, and 6 were under evaluation pending receipt of additional field data. Results of further analysis, performed since December 28, 1984, show that of the 983 Unit 2 supports analyzed using the higher damping values referenced in NED 85-031, 936 meet FSAR criteria while 46 meet the operability criteria, and 1 is still under evaluation.

Letter NED-85-032 outlined our program to ensure that the remainder of the cable tray supports meet FSAR requirements. As part of this program 42 additional Unit 2 supports have been chosen for evaluation from a field walkdown conducted to choose the most critical supports. Additional supports will be chosen through a walkdown of inaccessible areas scheduled during the current refueling outage.

An updated list of the activities associated with our cable tray support program for both units is enclosed as Attachment A. As previously mentioned in Letter NED-85-032, a modification or evaluation schedule will be sent to NRC upon completion of the follow-on walkdowns. All supports not in accordance with revised FSAR criteria will be modified to bring calculated stresses to within allowables. In addition, GPC will notify the NRC of any reportable condition.

All cable tray supports with evaluations completed to date meet the operability criteria attached to letter NED 84-641. We believe the program to examine supports and the load tracking program presently in place will ensure that all supports will be brought into compliance with the FSAR.

Yours truly,



L. T. Gucwa

OMS/caa
Attachment

xc: J. T. Beckham, Jr.
H. C. Nix, Jr.

J. N. Grace (NRC - RII)
Senior Resident Inspector

ATTACHMENT A

Supports Discussed in Letter NED-84-641

	<u>Unit 1</u>	<u>Unit 2</u>
Analysis Complete	Completed	Completed
Modification Packages to Plant Site	September 31, 1985	August 1, 1985
Modifications Complete	Prior to startup from 1987 refueling outage	Prior to startup from 1986 refueling outage

Initial Walkdown

	<u>Unit 1</u>	<u>Unit 2</u>
Walkdown Complete	Completed	Completed*
Walkdown Evaluation	Completed**	September 20, 1985
Modification Packages to Plant Site	August 31, 1985	N/A
Modification Plan Development	N/A	September 30, 1985
Modifications Complete	Prior to startup from 1987 refueling outage	To Be Determined

Follow-On Walkdowns

	<u>Unit 1</u>	<u>Unit 2</u>
Walkdown Complete	August 31, 1985***	To Be Determined
Walkdown Evaluation	To Be Determined	To Be Determined

* Inaccessible areas will be walked down by May 10, 1985.

** Walkdown evaluation is complete except for input from the 6 supports which are on hold pending receipt of additional field data.

*** Inaccessible area walkdown will be conducted during the 1985 outage.

APR 30 1985