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Docket Nos.: 50-321
50-366

NL-03-1180

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Edwin I. Hatch Nuclear Plant
Measurement Uncertainty Recapture Power Uprate (MURPU)

Ladies and Gentlemen:

By letter dated December 19, 2002, Southern Nuclear Operating Company (SNC) submitted to the NRC a license amendment request for the Edwin I. Hatch Nuclear Plant Units 1 and 2. The proposed amendment increases the authorized maximum power level for both units from the current limit of 2763 CMWt to 2804 CMWt.

Enclosure 7 of the December 19, 2002, amendment request provided a description of the installed Unit 1 system as of the request date. However, following proof testing of the Unit 1 system, the installation has changed from that described in the amendment request. This letter provides a description of the current Unit 1 configuration and a related clarification on system operation. The Unit 2 system configuration remains as described in the amendment request.

On Page E7-2, Section I.1.A., the second paragraph provides the following system descriptions: "The Unit 1 system consists of three flow-measurement devices installed on the "A" feedwater pipe, and a single device on the "B" feedwater pipe." "Each flow measurement device is composed of eight non-intrusive flow transducers (four primary/four redundant) strapped on the feedwater piping and a set of temperature sensing transducers connected via coax cable to a remote panel that acts as a data acquisition system and viewing system."

Following proof testing of the Unit 1 system, the unit one installation was changed to a single device on the "A" feedwater pipe and a single device on the "B" feedwater pipe. The individual feedwater loops ("A" and "B") mass flowrates will then be corrected by their respective measurement devices. With this configuration, the redundant transducers are now part of the primary measurement scheme, eliminating the redundancy feature.

This letter documents those items discussed in a conference call with the NRC on May 27, 2003.

A001

U. S. Nuclear Regulatory Commission

NL-03-1180

Page 2

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,



HL H. L. Sumner, Jr.

HLS/twl/whc

cc: Southern Nuclear Operating Company
Mr. J. D. Woodard, Executive Vice President
Mr. G. R. Frederick, General Manager – Plant Hatch
Document Services RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. S. D. Bloom, NRR Project Manager – Hatch
Mr. N. P. Garrett, Acting Senior Resident Inspector – Hatch