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NED-83-248

April 19, 1983

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 50-366
OPERATING LICENSE NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNIT 2
AMENDMENT OF PROPOSAL FOR TECHNICAL SPECIFICATION
CHANGES WHICH SUPPORT CYCLE 4 STARTUP

Gentlemen:

By letter dated February 23, 1983 (NED-83-108) Georgia Power Company (GPC) proposed an amendment to the Edwin I. Hatch Unit 2 Technical Specifications. That proposed amendment was intended to implement requirements associated with the installation of a Low Low Set (LLS) Safety Relief Valve (SRV) logic system at Hatch Unit 2 and to lower the setpoint of the reactor water level isolation signal to the Main Steam Isolation Valves (MSIVs). Subsequent to the submittal of that February 23 proposal, GPC was informed by the General Electric Company (GE) that certain pressure transmitters intended for use as part of the LLS-SRV system had exhibited unexpectedly large setpoint inaccuracies during recent testing. These transmitters, which were manufactured by the ITT Barton Company still remain environmentally qualified for use on Hatch Unit 2; however, the original values for instrument drift which were used to calculate the proposed trip setpoints for the trip units fed by these transmitters are no longer valid. The calculations used to establish the "open" and "close" setpoints for the valves controlled by the Barton transmitters during the LLS mode of operation (see Technical Specification page 3/4 4-4a attached to the February 23, 1983 submittal) have had to be recalculated based on the data from the latest Barton transmitter testing. After recalculation of the "open" setpoints, it has been determined that due to a conservative rounding off used during the original calculations, the "open" setpoints proposed in the February 23, 1983 submittal still provide for satisfactory LLS system performance and thus, remain unchanged. However, the recalculations for the "close" setpoints show that the previously proposed Technical Specification values are too high to guarantee conservative system performance.

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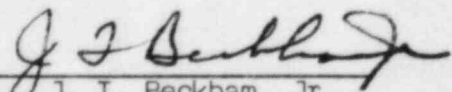
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To correct this problem, GPC hereby submits a revision to the document entitled "Edwin I. Hatch Nuclear Plant Unit 2, Docket No. 50-366, Proposed Plant Modifications - Low Low Set Logic and Lowered MSIV Water Level", which was enclosed with our letter of February 23, 1983. Hatch Unit 2 proposed Technical Specification page 3/4 4-4a contained in the "Proposed Technical Specification Revisions" section of that document should be replaced with the page of that same number which is enclosed with this letter.

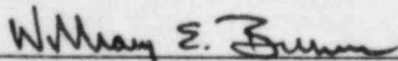
These proposed changes to the Plant Hatch Unit 2 Technical Specifications have been evaluated by both the Plant Review board and the Safety Review Board and both groups have determined that these changes would in no way constitute an unreviewed safety question. The probability of occurrence and the consequences of an accident or malfunction of safety-related equipment would not be increased above those analyzed in the FSAR because no increase in accident probabilities or consequences would be introduced by these changes. The probability of an accident or malfunction of a different type than previously evaluated in the FSAR does not result from these changes because the potential accident scenarios following implementation of these modifications are bounded by the present FSAR analyses. The margin of safety as defined in the Technical Specifications is not reduced by these changes because the proposed new operability limit and surveillance requirements for plant systems are consistent with the present safety margins.

J. T. Beckham, Jr. states that he is Vice President of Georgia Power Company and is authorized to execute this oath on behalf of Georgia Power Company, and that to the best of his knowledge and belief the facts set forth in this letter are true.

GEORGIA POWER COMPANY

By: 
J. T. Beckham, Jr.

Sworn to and subscribed before me this 19th day of April, 1983.



Notary Public

Notary Public, Georgia, State at Large
My Commission Expires Aug 26, 1985

CBS/mb

Enclosure

xc: H. C. Nix, Jr.

Senior Resident Inspector

J. P. O'Reilly, (NRC-Region II)