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Docket Nos.: 50-321
50-366

NL-15-1114

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

Edwin I. Hatch Nuclear Plant
Response to Request for Additional Information for Alternative
Requests RR-P-11 and RR-P-13

Ladies and Gentlemen:

By letter dated May 4, 2015 (Agencywide Documents and Access Management System (ADAMS) Accession Number ML15124A904), Southern Nuclear Operating Company (SNC), submitted alternative requests RR-P-11 and RR-P-13 for the fifth ten-year inservice testing (IST) program for Edwin I. Hatch Nuclear Plant, Units 1 and 2 (Hatch). The submitted alternative requests propose to perform alternate pump tests in lieu of the requirements specified in the American Society of Mechanical Engineers (ASME) Code for Operation and Maintenance of Nuclear Power Plants (OM Code), in the 2004 Edition through the 2006 Addenda.

Based on subsequent discussions with the Nuclear Regulatory Commission (NRC) staff, additional information is needed for the staff to complete its review. That information is provided in Enclosures 1 and 2 of this letter.

This letter contains no NRC commitments. If you have any questions, please contact Ken McElroy at (205) 992-7369.

Respectfully submitted,

A handwritten signature in black ink that reads "C. R. Pierce".

C. R. Pierce
Regulatory Affairs Director

CRP/RMJ

Enclosures: 1. SNC Response to Request for Additional Information
2. Requested Information per RAI RR-P-13-1

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Mr. D. R. Vineyard, Vice President – Hatch
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. D. R. Madison, Vice President – Fleet Operations
Mr. B. J. Adams, Vice President – Engineering
Mr. G. L. Johnson, Regulatory Affairs Manager - Hatch
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission
Mr. V. M. McCree, Regional Administrator
Mr. R. E. Martin, NRR Senior Project Manager - Hatch
Mr. D. H. Hardage, Senior Resident Inspector – Hatch

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Enclosure 1

SNC Response to Request for Additional Information

RAI RR-P-11-1

Provide the names of the pumps and the type of pump for the equipment numbers listed in the "Components Affected" section.

SNC Response to RAI RR-P-11-1

The updated "Components Affected" section for RR-P-11 is provided below:

1E11-C002A-D (Residual Heat Removal - Centrifugal Pumps) – Group A
1E21-C001A&B (Core Spray - Centrifugal Pumps) – Group B
2E11-C002A-D (Residual Heat Removal - Vertical Line Shaft Pumps) – Group A
2E21-C001A&B (Core Spray - Vertical Line Shaft Pumps) – Group B

RAI RR-P-11-2

Under "Requirements," Table ISTB-3520(b) is listed. There is no Table ISTB-3520(b) in the ASME OM Code. Please provide the correct reference.

SNC Response to RAI RR-P-11-2

The word "Table" was inserted in this text in error. The correct requirements should state "ISTB-3520(b)."

RAI RR-P-13-1

In the "Components Affected" section, only equipment numbers are given. Provide the pump name, ASME OM Code Group, and type of pump for each equipment number.

SNC Response to RAI RR-P-13-1

The table in Enclosure 2 provides the requested information for RR-P-13.

RAI RR-P-13-2

In the "Components Affected" section there are equipment numbers with the heading "Augmented Components." Describe why these components are labeled as augmented components, and why they are identified in this alternative request.

SNC Response to RAI RR-P-13-2

The augmented scope components listed are the Units 1 and 2 Reactor Core Isolation Cooling (RCIC) pumps and the Units 1 and 2 Diesel Fuel Oil Transfer pumps. These pumps are not considered to have individual safety functions as described in ISTA-1100(a) and therefore not required to be in the IST scope. Hatch does however consider these pumps important and has included them in augmented IST scope in order to provide for quality, periodic testing to

Enclosure 1 to NL-15-1114
SNC Response to Request for Additional Information

help ensure they remain Operable. Their inclusion in this relief request is an additional conservative action establishing that the commitments made by Hatch in this proposed alternative request will be applied to these pumps as well.

**Edwin I. Hatch Nuclear Plant
Response to Request for Additional Information for Alternative
Requests RR-P-11 and RR-P-13**

Enclosure 2

Requested Information per RAI RR-P-13-1

Enclosure 2 to NL-15-1114
Requested Information per RAI-RR-P-13-1

Relief Request RR-P-13
Components Affected

Pump Number	Description	Pump Type	Code Class	OM Code Category
1(2) C41-C001A & B	STANDBY LIQUID CONTROL PUMPS	Pos. Displacement	3	Group B
1(2) E11-C001A-D	RHR SERVICE WATER PUMPS	Vertical Line Shaft	3	Group A
1E11-C002A-D	RESIDUAL HEAT REMOVAL PUMPS	Centrifugal	3	Group A
2E11-C002A-D	RESIDUAL HEAT REMOVAL PUMPS	Vertical Line Shaft	3	Group A
1E21-C001A & B	CORE SPRAY PUMPS	Centrifugal	3	Group B
2E21-C001A & B	CORE SPRAY PUMPS	Vertical Line Shaft	3	Group B
1(2) E41-C001	HIGH PRESSURE COOLANT INJECTION PUMPS	Centrifugal	2	Group B
1(2) E51-C001	REACTOR CORE ISOLATION COOLING PUMPS ⁽¹⁾	Centrifugal	3	Group B
1(2) P41-C001A-D	PLANT SERVICE WATER PUMPS	Vertical Line Shaft	2	Group A
1Y52-C001A-C 1Y52-C101A & B 2Y52-C001A & C 2Y52-C101A & C	DIESEL FUEL OIL TRANSFER PUMPS ⁽¹⁾	Vertical Line Shaft	2	Group B
2P41-C002	STANDBY DIESEL SERVICE WATER PUMP	Vertical Line Shaft	2	Group B

Note (1) – These are augmented components but the relief commitments will also apply to these pumps.