Southern Nuclear

Regulatory Affairs

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NL-25-0149

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

[redacted]
Edwin I. Hatch Nuclear Plant Unit 1 and 2
[redacted]
Response to NRC RIS 2025-02 Planned Power Uprate-Related Submittals

Ladies and Gentlemen:

On February 7, 2025, the U. S. Nuclear Regulatory Commission (NRC) issued Regulatory Issue Summary (RIS) 2025-02 to request that licensees voluntarily provide information on planned power uprate-related licensing submittals. The purpose of this information is to assist the NRC in budgeting for and allocating its resources.

Enclosed is the Southern Nuclear Operating Company (SNC) response for the plants and units referenced above. This information may be made public.

If you have any questions, please contact Ryan Joyce at 205.992.6468.

Respectfully submitted,

Jamie Coleman
Regulatory Affairs Director

efb/cmg

Enclosure: Table of SNC Estimated Power Uprate Licensing Actions

cc: Regional Administrator - Region II
NRR Project Manager - [redacted], Hatch, [redacted]
Senior Resident Inspector - [redacted] Hatch, [redacted]
SNC Record R-Type: CGA02.001

Table of SNC Estimated Power Uprate Licensing Actions

Plant	Power Uprate Type	Expected Schedule for Filing	Planned CLTP Increase	Power Increase from CLTP	Expected Date for Power Ascension	Related Licensing Actions with Expected Schedule for Filing
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Hatch Unit 1 and 2	EPU	Q2 2027	156 MWt	5.563%	U2-Q1 2029 U1-Q1 2030	MELLLA+ in Q2 2027
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

NOTES:

[redacted]

[redacted]

Edwin I. Hatch Nuclear Plant Unit 1 and 2
Licensing Action: EPU
Projected Submittal Date: Q2 2027
Requested Approval Date: Q2 2028
Planned MWt increase from CLTP of 2804 MWt is 156 MWt. Proposed LTP is 2960 MWt
Planned Percentage Increase from CLTP: 5.563%
Expected Date for Power Ascension at Uprated Conditions: February 2029 (Unit 2); February 2030 (Unit 1)
Related Significant Licensing Actions:

1) Maximum Extended Load Line Limit Analysis Plus (MELLLA+) (combined with EPU LAR Submittal)
2) Steam Dryer (SD) Replacement (Unit 1 SD installed at CLTP via 50.59 in Q1 2028; Unit 2 SD installed at EPU conditions via EPU LAR in Q1 2029)

[redacted]