

September 9, 2004

Mr. H. L. Sumner, Jr.  
Vice President - Nuclear  
Hatch Project  
Southern Nuclear Operating  
Company, Inc.  
Post Office Box 1295  
Birmingham, Alabama 35201-1295

SUBJECT: RESPONSE TO REQUEST TO REVISE REGULATORY GUIDE 1.190  
IMPLEMENTATION DATE

Dear Mr. Sumner:

The purpose of this letter is to respond to your request to revise the schedule for meeting Southern Nuclear Operating Company's commitment to begin using a reactor pressure vessel neutron fluence methodology that is compliant with Regulatory Guide 1.190 by December 15, 2004. You requested that the commitment dated be extended until July 31, 2007. The Nuclear Regulatory Commission (NRC) staff, in its March 2003 safety evaluation report, found the current Edwin I. Hatch, Units 1 and 2, pressure-temperature (PT) curves acceptable through December 31, 2004. The current PT limits are estimated for 54 effective full power years (EFPY). The projected reactor vessel irradiation through July 31, 2007, will be 21 and 19 EFPY for Units 1 and 2, respectively. Therefore, there is a safety margin of approximately 2 through the end of the requested schedule extension. The NRC staff finds this margin adequate for the purpose of extending the commitment schedule. Therefore, the NRC concludes that the proposed commitment schedule change is acceptable.

If you have any questions regarding this matter, please contact me at 301-415-1055.

Sincerely,

*/RA/*

Christopher Gratton, Senior Project Manager  
Project Directorate II, Section I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-366

cc: See next page

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Dear Mr. Sumner:

The purpose of this letter is to respond to your request to revise the schedule for meeting Southern Nuclear Operating Company's commitment to begin using a reactor pressure vessel neutron fluence methodology that is compliant with Regulatory Guide 1.190 by December 15, 2004. You requested that the commitment dated be extended until July 31, 2007. The Nuclear Regulatory Commission (NRC) staff, in its March 2003 safety evaluation report, found the current Edwin I. Hatch, Units 1 and 2, pressure-temperature (PT) curves acceptable through December 31, 2004. The current PT limits are estimated for 54 effective full power years (EFPY). The projected reactor vessel irradiation through July 31, 2007, will be 21 and 19 EFPY for Units 1 and 2, respectively. Therefore, there is a safety margin of approximately 2 through the end of the requested schedule extension. The NRC staff finds this margin adequate for the purpose of extending the commitment schedule. Therefore, the NRC concludes that the proposed commitment schedule change is acceptable.

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IMPLEMENTATION DATE

Dated: September 9, 2004

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Edwin I. Hatch Nuclear Plant, Units 1 & 2

cc:

Mr. Laurence Bergen  
Oglethorpe Power Corporation  
2100 East Exchange Place  
P.O. Box 1349  
Tucker, Georgia 30085-1349

Mr. R. D. Baker  
Manager - Licensing  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, Alabama 35201-1295

Resident Inspector  
Plant Hatch  
11030 Hatch Parkway N.  
Baxley, Georgia 31531

Mr. Harold Reheis, Director  
Department of Natural Resources  
205 Butler Street, SE., Suite 1252  
Atlanta, Georgia 30334

Mr. Steven M. Jackson  
Senior Engineer - Power Supply  
Municipal Electric Authority of Georgia  
1470 Riveredge Parkway, NW  
Atlanta, Georgia 30328-4684

Mr. Reece McAlister  
Executive Secretary  
Georgia Public Service Commission  
244 Washington St., SW  
Atlanta, Georgia 30334

Mr. Arthur H. Domby, Esq.  
Troutman Sanders  
Nations Bank Plaza  
600 Peachtree Street, NE, Suite 5200  
Atlanta, Georgia 30308-2216

Chairman  
Appling County Commissioners  
County Courthouse  
Baxley, Georgia 31513

Mr. J. B. Beasley, Jr.  
Executive Vice President  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, Alabama 35201-1295

Mr. G. R. Frederick  
General Manager, Edwin I. Hatch  
Nuclear Plant  
Southern Nuclear Operating Company, Inc.  
U.S. Highway 1 North  
P.O. Box 2010  
Baxley, Georgia 31515

Mr. K. Rosanski  
Resident Manager  
Oglethorpe Power Corporation  
Edwin I. Hatch Nuclear Plant  
P.O. Box 2010  
Baxley, Georgia 31515