

**Mark J. Ajluni, P.E.**  
Nuclear Licensing Director

**Southern Nuclear  
Operating Company, Inc.**  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201  
  
Tel 205.992.7673  
Fax 205.992.7885

October 29, 2010



Docket Nos.: 50-321  
50-366

NL-10-1021

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

**Edwin I. Hatch Nuclear Plant – Unit 1 and Unit 2  
Request to Implement Subsequent Edition of ASME OM Code for  
Class 1 Safety Relief Valves with Auxiliary Actuating Devices**

Ladies and Gentlemen:

In accordance with 10 CFR 50.55a, "Codes and Standards," paragraph (f)(4)(iv) and the guidance provided in Reference 1, Southern Nuclear Operating Company (SNC) requests NRC approval to use portions of a later edition and addenda of the American Society of Mechanical Engineers (ASME) Code for Operation and Maintenance of Nuclear Power Plants (OM Code) for the Edwin I. Hatch Nuclear Plant – Unit 1 and Unit 2 (HNP) Inservice Testing (IST) Program.

Specifically, SNC requests approval to use ASME OM Code 2004 Edition, "Inservice Testing of Pressure Relief Devices in Light-Water Reactor Nuclear Power Plants" as part of the Edwin I. Hatch Nuclear Plant - Unit 1 and Unit 2 IST Program for testing of Class 1 Safety Relief Valves with Auxiliary Actuating Devices. The 2004 Edition of the ASME OM Code was incorporated by Reference 2 into 10 CFR 50.55a(b)(3), with no new modifications or limitations. For HNP, the current code of record is the 2001 ASME OM Code Edition through 2003 Addenda. Table 1 (attached) evaluates the sections that changed between the ASME OM Code 2004 Edition, Mandatory Appendix I and the ASME OM Code 2001 Edition through 2003 Addenda, Mandatory Appendix I for applicability and impact to the Class 1 Safety Relief Valves with Auxiliary Actuating Devices Inservice Testing Program.

The use of the later edition and addenda of the ASME OM Code is requested for the remainder of the fourth 10-year IST interval, which began January 1<sup>st</sup>, 2006 and is scheduled to end on December 31<sup>st</sup>, 2015.

A047  
KRR

The NRC has recently approved similar requests to adopt later editions of the ASME OM Code for IST Programs. These approvals are documented in ADAMS Accession Numbers ML060590178 and ML090770014.

Approval of this proposed revision to the code of record for the Class 1 safety relief valves with auxiliary actuating devices is requested by September 7, 2012.

If you have any questions, please contact Jack Stringfellow at (205)-992-7037.

Respectfully submitted,



M. J. Ajluni  
Nuclear Licensing Director

MJA/PAH/lac

Enclosure: Mandatory Appendix I Changes from ASME OM Code 2001 Edition with 2003 Addenda and ASME OM Code 2004 Edition for Class 1 Safety Relief Valves with Auxiliary Actuating Devices

References:

1. NRC Regulatory Issue Summary (RIS) 2004-12, "Clarification on Use of Later Editions and Addenda to the ASME OM Code and Section XI," dated July 28, 2004
2. Federal Register, 73 FR 52729, dated September 10, 2008

cc: Southern Nuclear Operating Company  
Mr. J. T. Gasser, Executive Vice President  
Mr. D. R. Madison, Vice President – Edwin I. Hatch Nuclear Plant  
Ms. P. M. Marino, Vice President – Engineering  
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission  
Mr. L. A. Reyes, Regional Administrator  
Mr. R. E. Martin, NRR Project Manager – Edwin I. Hatch Nuclear Plant  
Mr. E.D. Morris, Senior Resident Inspector – Edwin I. Hatch Nuclear Plant  
Mr. P.G. Boyle, NRR Project Manager

**Edwin I. Hatch Nuclear Plant – Units 1 and 2  
Request to Implement Subsequent Edition of ASME OM Code for  
Class 1 Safety Relief Valves with Auxiliary Actuating Devices**

**Enclosure 1**

**Mandatory Appendix I Changes from ASME OM Code 2001 Edition with  
2003 Addenda and ASME OM Code 2004 Edition for Class 1 Safety Relief  
Valves with Auxiliary Actuating Devices**

**Table 1**  
**Mandatory Appendix I Changes from ASME OM Code 2001 Edition with 2003 Addenda and ASME OM Code 2004 Edition for Class 1 Safety Relief Valves with Auxiliary Actuating Devices**

<b>Section in Mandatory Appendix I with Changes between ASME OM Code 2004 Edition and ASME OM Code 2001 Edition</b>	<b>Applicability to Class 1 Safety Relief Valves with Auxiliary Actuating Devices.</b>	<b>Impact to IST Program for Class 1 Safety Relief Valves with Auxiliary Actuating Devices.</b>
I-3300 Periodic Testing	Not Applicable	None
I-3360 Classes 2 and 3 Nonreclosing Pressure Relief Devices	Not Applicable	None
I-3410 Class 1 Main Steam PRV with Auxiliary Actuating Devices	Applicable	Main disc movement and set-pressure verification are not required following removal for maintenance.
I-3460 Classes 2 and 3 Nonreclosing Pressure Relief Devices	Not Applicable	None
I-4120 Compressible Fluid Services other than Steam	Not Applicable	None
I-7370 Classes 2 and 3 Nonreclosing Pressure Relief Devices	Not Applicable	None