



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

June 14, 2004

10 CFR 50.54(f)

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, Maryland 20852

Gentlemen:

In the Matter of	)	Docket No. 50-327
Tennessee Valley Authority	)	50-328
		50-390

SEQUOYAH NUCLEAR PLANT (SQN) UNITS 1 AND 2 AND WATTS BAR  
NUCLEAR PLANT (WBN) UNIT 1 - FIFTEEN-DAY RESPONSE TO NRC  
BULLETIN 2004-01, "INSPECTION OF ALLOY 82/182/600 MATERIALS  
USED IN THE FABRICATION OF PRESSURIZER PENETRATIONS AND STEAM  
SPACE PIPING CONNECTIONS AT PRESSURIZED-WATER REACTORS,"  
DATED MAY 28, 2004

The purpose of this letter is to provide TVA's 15-day response, which requests an extension to the 60-day requirement for submitting the requested information to the subject bulletin for SQN and WBN. Specifically, NRC Bulletin 04-01 states in part under the section titled "Required Response: . . . (2) addressees who choose not to provide or cannot meet the requested completion dates are required to submit written responses within 15 days of the date of the bulletin. The response must address any alternative course of action proposed, including the basis for the acceptability of the proposed alternative course of action."

This extension is needed because TVA cannot provide all of the information requested in Item (1)(a) within 60 days from the issuance date of the subject bulletin.

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The subject bulletin states that "All subject PWR licensees are requested to provide the following information within 60 days of the date of this bulletin: (a) A description of the pressurizer penetrations and steam space piping connections at your plant. At a minimum, this description should include materials of construction (e.g., stainless steel piping U.S. and/or weld metal, Alloy 600 piping/sleeves/Alloy 82/182 weld metal or buttering, etc.), joint design (e.g., partial penetration welds, full penetration welds, bolted connections, etc.), and, in the case of welded joints, whether or not the weld was stress-relieved prior to being put into service . . . ."

To provide the information above requires a comprehensive review of the equipment's original manufacturing records. These records contain proprietary data and, as such, are maintained by the original equipment manufacturer (Westinghouse Electric Company [Westinghouse]). Examples of the types of information pertaining to each pressurizer penetration requested from Westinghouse include: drawings of the penetration joint, including weld cladding and cladding details; specification of the pressurizer boundary and weld materials; and identification of the stress relief process applied to the welded connections. Based on the availability of qualified resources and the number of utilities which will simultaneously require this support, Westinghouse projected that they can support providing TVA a comprehensive report by November 24, 2004.

As required by the subject bulletin, TVA will submit a response within 60 days that will address Items (1)(a) through (1)(d) for SQN and WBN. TVA's response to Item (1)(a) will include applicable available information (e.g., Alloy 600/82/182 locations, joint configuration and design, etc.) retrieved from plant records. The balance of the requested information TVA has requested from Westinghouse will be provided in a supplemental response that will augment SQN's and WBN's 60-day responses. TVA will submit this supplemental response within two weeks following receipt and subsequent confirmation of the information from Westinghouse. This extension is acceptable because TVA has previously identified Alloy 600/82/182 material locations and will be following Materials Reliability Program (MRP) Guidance pertaining to inspection and evaluation of susceptible material (e.g., Alloy 600/82/182 material) at SQN and WBN.

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The Enclosure contains the regulatory commitments contained in this letter. This extension request was discussed with Matthew Mitchell (NRC/NRR) on June 14, 2004.

If you have any questions concerning this matter, please contact Terry Knuettel at (423) 751-6673.

Sincerely,



*for* Mark J. Burzynski  
Manager  
Nuclear Licensing

I declare under penalty of perjury that the foregoing is true and correct. Executed on this 14th day of June 2004.

Enclosure

cc (Enclosure):

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NRC Resident Inspector  
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cc: Continued on page 4

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cc (Enclosure):

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ENCLOSURE

SEQUOYAH NUCLEAR PLANT (SQN) UNITS 1 AND 2  
AND WATTS BAR NUCLEAR PLANT (WBN) UNIT 1

REGULATORY COMMITMENTS

1. TVA will submit a supplemental response to TVA's 60-day response to BL 04-01 within two weeks following receipt and subsequent confirmation of the information from Westinghouse.
2. TVA has previously identified Alloy 600/82/182 material locations and will be following MRP Guidance pertaining to inspection and evaluation of susceptible material (e.g., Alloy 600/82/182 material) at SQN and WBN.