



Tennessee Valley Authority, P.O. Box 2008, Nashville, Tennessee 37202

Jack L. Wisch  
Vice President, Sequoyah Nuclear Plant

April 3, 1992

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

Gentlemen:

In the Matter of ) Docket Nos. 50-327  
Tennessee Valley Authority ) 50-328

SEQUOYAH NUCLEAR PLANT (SQN) - REVISED INFORMATION FOR THE MAIN FEEDWATER  
REQUEST FOR RELIEF FROM THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS  
(ASME), SECTION XI, HYDROSTATIC PRESSURE TEST REQUIREMENTS

Reference: Letter from TVA to NRC dated March 23, 1992, "Sequoyah  
Nuclear Plant (SQN) - Request for Relief From the American  
Society of Mechanical Engineers (ASME), Section XI,  
Hydrostatic Pressure Test Requirements"

The above reference requested relief from the ASME code for performance  
of a hydrostatic test as a result of repairs to the main feedwater  
system. The above reference also stated that as a result of a  
through-wall crack in the feedwater nozzle transition piece to Steam  
Generator (SG) No. 3, a replacement of the transition piece would be  
necessary. TVA has since elected to replace both the transition piece  
and associated elbow for all four SGs on both units.

In addition, Enclosure 1 provided a description of the maintenance  
activity that had been planned for the replacement of the elbow and  
transition piece. This description provided detailed information in  
regard to the weld material and type. TVA has since decided to use  
Welding Services, Inc., to perform the balance of this work.  
Accordingly, the description provided in the above reference is still  
applicable to SG Loops 2 and 3; but, for Loops 1 and 4, the following  
supplemental information is provided:

The three welds joining the nozzle to transition piece (P3 to P3), the  
transition piece to elbow (P3 to P1), and the elbow to riser (P1 to P1)  
will be welded with the automatic gas tungsten arc process. The nozzle

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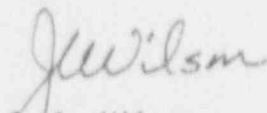
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to transition piece will be an open root configuration utilizing SFA 5.28, Class ER 80S-G, filler material. The remaining two welds utilize SFA 5.18, Class ER70S-3, and will be performed using an open root or consumable insert (SFA 5.30, INMS2) based on fit-up tolerances.

In addition, TVA may use Welding Services for the similar replacements to be performed on Unit 2. Thus, the above information would be applicable for repairs on the Unit 2 SG loops, should TVA elect to use Welding Services.

Please direct questions concerning this issue to J. D. Smith at (615) 843-6672.

Sincerely,

  
J. L. Wilson

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