



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379

November 21, 1995

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

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) - SECTION XI PROGRAMS FOR THE SECOND INSPECTION INTERVAL, UNITS 1 AND 2

The purpose of this letter is to provide for your review the inservice inspection (ISI) and inservice test (IST) programs for SQN's second inspection interval, which begins December 16, 1995. The code of record for this interval will be the 1989 Edition of the ASME Boiler and Pressure Vessel Code, Section XI.

The applicable regulations, 10 CFR 50.55a(f) and 10 CFR 50.55a(g), require that ISI and IST of ASME code components meet the requirements of ASME Section XI. In addition, 10 CFR 55a(f)(4)(ii) and 10 CFR 50.55a(g)(4)(ii) require the ISI and IST programs be updated every 10 years to meet the requirements of the latest NRC approved Edition and Addenda of Section XI, which is in effect 12 months before start of the next 120-month inspection interval.

Enclosure 1 contains the updated ISI program, which conforms to the 1989 Edition of the ASME Section XI code. In addition, pursuant to reference 10 CFR 50.55a(b)(2)(ii), the extent of examination for Examination Category B-J welds shall be in accordance with the 1974 Edition, Summer 1975 Addenda of ASME Section XI. The following Code Cases N-307-1, N-457, N-460, N-461, N-463-1, N-481, N-491, N-494-1, and N-503 have been authorized for use in Regulatory Guide 1.147 and are being utilized within the SQN ISI program. The SQN ISI program contains a total of 14 requests for relief and 5 code cases that are being submitted for NRC approval.

The ISI program within Enclosure 1 is divided into four documents that are provided as attachments.

280040 Attachment 1: Site Standard Practice 6.10, ASME Section XI ISI/NDE Augmented Nondestructive Examination Programs

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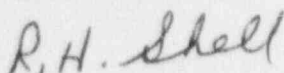
- Attachment 2: O-SI-SXI-000-114.2, ASME Section XI ISI/NDE Program
(Contains eight requests for relief and five code cases [N-198-1,
N-494-2, N-509, N-521, and N-524] for NRC approval)
- Attachment 3: ASME System Pressure Testing Program Basis Document
(Contains six requests for relief for NRC approval)
- Attachment 4: O-SI-SXI-068-114.2, Steam Generator ISI Program Implementation
Document

Enclosure 2 contains the updated IST program that conforms to the 1989 Edition of the ASME Section XI code. The SQN IST program contains a total of 13 requests for relief that are being submitted for NRC approval. The IST program within Enclosure 2 is divided into 2 documents that are provided as attachments.

- Attachment 1: ASME Inservice Pump Testing Program Basis Document
(Contains seven requests for relief and four code cases [N-498-1,
N-522, N-416-1, and N-546] for NRC approval)
- Attachment 2: ASME Inservice Valve Testing Program Basis Document
(Contains five requests for relief for NRC approval)

Please direct questions concerning this issue to D. V. Goodin at (423) 843-7734.

Sincerely,



R. H. Shell
Manager
SQN Site Licensing

Enclosures
cc: See page 3

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ENCLOSURE 1

SEQUOYAH NUCLEAR PLANT (SQN)

UNITS 1 AND 2

AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)

INSERVICE INSPECTION PROGRAM UPDATE FOR

SECOND 10-YEAR INTERVAL

ATTACHMENT 1: SITE STANDARD PRACTICE 6.10

ATTACHMENT 2: 0-SI-DXI-000-114.2

ATTACHMENT 3: ASME SYSTEM PRESSURE TEST PROGRAM
BASIS DOCUMENT

ATTACHMENT 4: 0-SI-SXI-068-114.2

ENCLOSURE 1
SEQUOYAH NUCLEAR PLANT (SQN)
UNITS 1 AND 2
AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)
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