

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

OCT 27 1986

Mr. Harold Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

In the Matter of the Application of) Docket Nos. 50-327, 50-328
Tennessee Valley Authority) 50-390, 50-391

EMPLOYEE CONCERNS TASK GROUP (ECTG) - SEQUOYAH (SQN) AND WATTS BAR (WBN)
NUCLEAR PLANTS

The purpose of this letter is to document the present status of open recommendations resulting from issued Nuclear Safety Review Staff (NSRS) reports and to provide a status of draft NSRS reports which were not officially issued. Because of the evolution of these items over the past year, a retracing of previously docketed information is appropriate. This information was provided as follows.

On September 6, 1985, TVA responded to an August 21, 1985 request for information by providing a listing of all issued NSRS reports, copies of all NSRS reports for which complete resolution of open items had not been reached within TVA, and a summarization of how TVA had addressed those safety-related matters raised in NSRS reports.

On November 25, 1985, TVA provided another major submittal as a followup to the September 6 letter and ensuing correspondence. This transmittal included a matrix of NSRS reports listing the report number, each recommendation, and how it was closed. In addition, copies of all NSRS reports that were closed or which closed other reports and copies of miscellaneous letters which closed report recommendations were provided. TVA committed to continue to periodically update NRC as new NSRS reports were issued.

In the fall of 1985, NSRS became heavily involved in the management of the QTC employee concern program and in the investigation of these concerns. This effort impacted NSRS's primary function of review and, as such, only one new review report was issued after the November 1985 submittal (R-86-01-SQN--see below).

In January 1986, NSRS had 196 open recommendations. In response to a request from SQN Site Director, H. L. Abercrombie, NSRS reviewed all of the open recommendations for applicability to the SQN restart effort. Based upon the NSRS review, a list of 33 open items were identified which NSRS believed

8611030369 861027
PDR ADOCK 05000327
P PDR

D025
1/1

OCT 27 1986

Mr. Harold R. Denton

should be resolved before restart. (As of January 23, 1986, there were a total of 42 open items for SQN.) To assist in the SQN restart effort, NSRS initiated followup review R-86-01-SQN in early February 1986. This NSRS review succeeded in closing all but four of the original 42 open items for SQN (four restart items were left open and one new item was identified).

At this same time, in addition to the NSRS review for restart applicability, the Office of Engineering's (OE) Quality Management Staff (QMS) reviewed the open items for which OE had responsibility for either corrective action or response to determine which items should be resolved before SQN restart. Their review identified an additional five open items requiring resolution which were not a part of the NSRS's list of 33 restart items. This QMS review was documented by memorandum to the Project Manager, SQN Engineering Project, and endorsed by NSRS to the SQN Site Director on February 14, 1986.

No additional actions were taken after the NSRS review R-86-01-SQN until June 1986. Following the reorganization of the NSRS to form the Nuclear Manager's Review Group (NMRG), the Employee Concern Task Group (ECTG) was given the responsibility for tracking and verification of corrective action on all remaining NSRS open items resulting from their routine review efforts. (Employee concern investigations and open items resulting from the NSRS/QTC Employee Concern program were previously transferred when ECTG was formed in February 1986.)

On June 2, 1986, a list of the remaining NSRS open items and the files containing all NSRS reports and support material for those reports was forwarded to ECTG. Report R-85-03-NPS, "Review of Maintenance Program," was not included in the transmittal but was retained by the NMRG for followup. Enclosed is a list of the open NSRS recommendations as of June 2, 1986. The only difference between the matrix of open items provided to NRC in November 1985 and this list are the items addressed and closed in NSRS report R-86-01-SQN.

On August 29, 1986, TVA provided NRC with a description of the Employee Concern Task Group's Program. Enclosure 3 to that transmittal was a copy of the plan (ECTG M-2) which described the process for evaluation and closure of these NSRS recommendations. Utilizing this plan, ECTG has begun evaluation of: (a) two SQN restart items left open by NSRS after review R-86-01-SQN, (b) the newly identified item--recommendation R-86-01-SQN-01, and (c) the five SQN restart items identified by the OE's QMS. The remaining two SQN restart items (R-85-03-NPS-07 and R-85-03-NPS-08) were addressed and closed in NMRG report R-86-02-NPS, "Review of Maintenance at Browns Ferry, Sequoyah, and Watts Bar Nuclear Plant," issued October 16, 1986.

OCT 27 1986

Mr. Harold R. Denton

Since the NSRS and QMS evaluations of the open NSRS items in January 1986, additional guidance regarding restart criteria for SQN has been provided in Volume 2 of the Nuclear Performance Plan. To ensure that all open NSRS items are appropriately addressed before restart, ECTG is reevaluating all the open NSRS items to identify any additional recommendations requiring evaluation before SQN restart. This reassessment, utilizing the information provided in Volume 2, is being performed in coordination with the SQN Site Director's office. The results of the reassessment will be provided to NRC by November 21, 1986.

In addition to the resolution of NSRS open recommendations from issued reports, NRC requested that TVA confirm the status of any draft NSRS reports. There were three draft reports as follows:

- a. R-85-11--This was a review of the corrective action program.
- b. R-85-17--This was a review of the quality assurance program.
- c. No Number--As part of the NSRS's employee concern work, they began an assessment of SQN generic applicability of concerns.

Report R-85-11 was never issued by NSRS. Due to the age of the NSRS draft report and the numerous changes which occurred in the TVA corrective action program, NSRS and line management decided the report could not be issued without substantial revision and followup investigation to assure a current assessment. Instead, the information gathered in support of this evaluation is being utilized by NMRG in an evaluation of the corrective action system which is now in process.

Report R-85-17 has not been issued by NMRG. However, this report has been reviewed by NMRG, reworked, and will be issued by NMRG in the near future. This report addressed portions of the quality assurance program.

The draft material on SQN generic applicability was never documented in report format. This information summarized portions of the NSRS work on generically applicable employee concerns at SQN. During the timeframe of NSRS's involvement in the resolution of employee concerns at SQN, this information was provided informally to the SQN Generic Concerns Task Force and utilized by them in their subsequent evaluation of applicable concerns.

On July 29, 1986 TVA provided, in response to a specific NRC request, NSRS report R-85-11. At that time, identification of all draft NSRS reports was not requested; however, information was also provided regarding NSRS report Nos. R-85-09, R-85-13, and R-85-17. TVA has reviewed the NSRS files, support materials, and report number log. Based on this information, we believe all draft information has been incorporated into present review efforts.

Mr. Harold R. Denton


OCT 27 1986

In summary, all remaining open NSRS recommendations with the exception of R-85-03-NPS are being resolved by the ECTG. The draft information compiled by NSRS has been appropriately evaluated and has been used by either NMRC or in the resolution of employee concerns. Therefore, the implication of this information as it applies to SQN and other TVA nuclear facilities will be evaluated and resolved as appropriate before restart of licensing.

If you have any questions, please get in touch with Martha Martin at (615) 365-3587, Watts Bar Nuclear Plant.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


R. L. Gridley, Director
Nuclear Safety and Licensing

Enclosure

cc (Enclosure):

Mr. James M. Taylor, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Director of Nuclear Reactor Regulation
Attn: Mr. B. J. Youngblood, Project Director
PWR Project Directorate No. 4
Division of PWR Licensing - A
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. Gary Zech
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Tom Kenyon
Watts Bar Project Director
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20814

Mr. Carl Stahle
Sequoyah Project Director
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20814

STATUS OF NUCLEAR SAFETY REVIEW STAFF OPEN ITEMS

JUNE 2, 1986

There were a total of 158 NSRS open items on June 2, 1986. The organization which needs to take the lead for the next action is identified. Also, the recommendations closed by NMRG report R-86-02-NPS issued October 16, 1986 are identified.

POWER AND ENGINEERING (NUCLEAR) - 5 ITEMS

NSRS Recommendation

Next Action By

79-09-01-1, 2, 3
79-10-02-1
R-85-07-NPS-1

ECTG
ECTG
ECTG

NUCLEAR POWER - 51 ITEMS

R-81-08-BFN-8, 20, 41
R-82-01-PSS-1, 2, 3, 4.B.1
4.B.2, 4.C.1, 5
11, 12, 13, 15, 24
R-82-08-NPS-1, 2, 3, 4, 5, 6, 7,
9, 10a, 10b, 10c
R-83-16-NPS-1
R-83-18-NPS-1 through 6
R-84-06-NPS-1
R-84-17-NPS-1A, 1B, 1D, 8, 9, 10,
11, 12
R-84-17-NPS-1C, 3, 4, 7
I-84-31-BFN-1, 2, 3, 4
R-84-32-NPS-1

ECTG
NUC PR (Safeguard)

ECTG

NUC PR (Safeguard)
ECTG
ECTG (Safeguard)
NUC PR

ECTG
ECTG
ECTG

POWER TRAINING CENTER - 4 ITEMS

R-81-31-NPS/POTC-1, 2, 3, 4

ECTG

BROWNS FERRY - 23 ITEMS

R-80-06-BFN-C
R-80-10-BFN-1, IV.A, IV.C, IV.E
R-81-02-BFN (R-82-11-BFN-B)
R-81-08-BFN-45
R-81-31-NPS-01, 03
I-83-28-BFN-1, 2
I-84-16-BFN-1 through 5
R-84-17-NPS-5
R-84-17-NPS-6
R-85-03-NPS-3, 6, 8
R-85-03-NPS-7
I-85-10-BFN-1

ECTG
ECTG
ECTG
ECTG
ECTG
ECTG
ECTG
BFN
ECTG
NMRG (closed in R-86-02-NPS)
NMRG
BFN

SEQUOYAH - 6 ITEMS

R-80-05-SQN-4B
 R-85-02-SQN/WBN-2
 R-85-03-NPS-7, 8
 R-86-01-SQN-1

ECTG
 ECTG
 NMRG (closed in R-86-02-NPS)
 ECTG

WATTS BAR - 15 ITEMS

R-81-06-WBN-3
 I-83-01-WBN-01
 R-84-02-WBN-1
 R-84-05-WBN-10, 14, 15, 24
 R-84-15-WBN-3, 5
 R-85-02-SQN/WBN-2
 R-85-03-NPS-2, 5, 6, 7

 R-85-03-NPS-8

ECTG
 ECTG
 ECTG
 ECTG
 ECTG
 ECTG
 NMRG (2, 5, 6, closed in
 R-86-02-NPS)
 NMRG (closed in R-86-02-NPS)

BELLEFONTE NO ITEMSOFFICE OF ENGINEERING - 49 ITEMS

R-80-05-SQN-10
 R-81-04-YCN/NPS-BFS-01, 02
 R-81-14-OEDC(BLN)-32, 41
 R-81-22-BLN-1, 2, 3
 R-83-08-BLN-2, 3, 5
 I-83-13-NPS-1a, 2
 R-84-05-WBN-8
 R-84-07-WBN-1
 R-84-19-WBN-1
 R-84-19-WBN-6
 R-84-22-BLN-1, 2
 R-84-25-BLN-1 through 6
 R-84-33-BFN-1 through 8 (10 items)
 R-84-34-SQN-2 (closed 5/20/85)
 R-85-06-WBN-1 through 6
 R-85-08-OE/NUC PR-1 through 6

ECTG
 ECTG
 ECTG
 OE
 OE
 ECTG
 ECTG
 ECTG
 OE
 ECTG
 OE
 ECTG
 OE
 ECTG
 OE
 ECTG
 OE
 ECTG

OFFICE OF CONSTRUCTION - 5 ITEMS

I-83-13-NPS-1b, 1d, (OC for P&E)
 R-83-27-NPS-1
 I-84-34-SQN-1
 I-84-34-SQN-3

ECTG
 OC
 ECTG
 OC

0353c