

TO: Those indicated
FROM: T. W. Overlid, Manager, Nuclear Experience Review, LP 5N 137B-C
L33 890814 843
RAS 6000 50-390-C1VP, et al. Licensee Exhibit 145 - Rec'd 9/9/89

DATE: AUG 14 1989

SUBJECT: TRANSMITTAL OF NER ITEM FOR ACTION OR INFORMATION - NER 89-3491(0E)

Attached is an NER item being forwarded to each of the indicated organizations for review or information as required. This NER item is entered into the data base. Please provide your response, if action is required for your organization, by 8/30/89.

Nuclear Licensing and Regulatory Affairs (NLRA):

Browns Ferry Nuclear Plant, NER Supervisor
Sequoyah Nuclear Plant, NER Supervisor
Watts Bar Nuclear Plant, NER Supervisor

ACTION+	INFORMATION
[]	[]
[]	[]
[]	[]

Nuclear Quality Assurance (NOA):

Melony Stover, LP 4N 80A-C

ACTION+	INFORMATION
[]	[]

Nuclear Engineering (NE):

*J. D. Wolcott, BFN Nuclear Technology Branch, NXB EDB, BFN [] []
*W. R. Mangiante, SQN Nuclear Technology Branch, DSC-A, SQN [] []
*S. D. Love, WBN Nuclear Technology Branch, B113 IOB, WBN [] []
R. R. Calabro, Nuclear Fuels, BR 6N 65A-C [] []
**R. H. Bryan, Task Project, W8 D223 C-K [] []
Action items sent to any project with (*) is sent to () for information.

Bellefonte Nuclear Plant (BLN):

E. R. Bennich, BLN

ACTION+	INFORMATION
[]	[]

Nuclear Support (NS):

J. H. Barker, LP 5S 150D-C
J. L. Bates, CST 11A 8A-C
R. J. Kitts, LP 6N 314B-C
R. M. McMillan, MBC 16-PTC
C. G. Robertson, LP 5S 83E-C
R. C. McKay, MR 2N 51D-C
J. T. Parlier, LP 5N 84A-C

ACTION+	INFORMATION
[]	[]
[]	[]
[]	[]
[]	[]
[]	[]
[]	[]
[]	[]

Nuclear Business Operations (NBO):

L. Moerland, LP 3N 154D-C

ACTION+	INFORMATION
[]	[]

Nuclear Maintenance Staff (NMS):

C. E. Cantrell, BR 5N 59A-C
C. R. Favreau, CST 5D 555A-C
D. F. Goetcheus, O&PS-TR 15, Sequoyah
G. J. Pitzl, BR 5S 67A-C
J. A. Teague, BR 5N 54A-C

ACTION+	INFORMATION
[]	[]
[]	[]
[]	[]
[]	[]
[]	[]

Nuclear Safety Review Board (NSRB):

G. V. Tippens, BR 1N 75B-C (Info copy-SERs, SOERs, vendor bulletins) []

Nuclear Managers Review Group (NMRG):

+R. D. Smith, BR 5S 114A-C

ACTION+	INFORMATION
[]	[]

+Any item sent for action to an organization should be sent to NMRG for information.

cc: RIMS, MR 4N 72A-C

TVA Exh. 145

F1000245

6/23/89

Template = SECY-028

SECY-02

CLEAR REGULATORY COMMISSION

Docket No. 01-791-01 Official Ex. No. TVA 145
In the matter of TVA
Staff _____ INDEXED ☒
Applicant _____ REFILED ☒
Intervenor _____ REFILED _____
Other _____ WITHDRAWN _____
DATE 9-9-02 Address Burzynski
Clerk R. Davis

DOCKETED
USNRC



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OFFICE OF THE SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

Unit: Waterford 3 SES
Docket No: 50-382
NSSS/AE: CE/EBASCO
Rating: 1104 NMWe
Date Of Event: 26 April 1989
Date Of Commercial Operation: September 1985

EVENT DESCRIPTION

A recent assessment of chemistry activities identified a discrepancy between the method used to sample oil stored in the Emergency Diesel Generator Fuel Oil Storage Tanks (FOST) and the methods specified by Technical Specifications.

EVENT ANALYSIS

Technical Specifications require utilization of methods specified in ASTM-D270-1975. The ASTM specifies using the bottle sampling or tap sampling methods when sampling the subject tanks. Bottle sampling requires taking multiple samples from different levels within the tank. Tap sampling requires drawing samples from taps located in at least 3 different levels on the tank.

Sampling of the FOST has been accomplished in the past by drawing a sample from the recirc header of the fuel oil transfer pump.

The bottle sampling method is not preferred due to the potential for introducing foreign material into the tank interior. The tap method is not possible because no taps are installed on the tanks. Additionally, chemistry supervision feels that the ASTM is written for use by a buyer/seller to standardize the process of sampling and to provide a means of ensuring a representative product during transport and receipt. The Tech Spec is written for use by a storer/user to confirm oil quality has not deteriorated during storage to the point where the generator will not operate.

Although sampling from the recirc line is more likely to detect the presence of water, biological growth and sedimentation, the intent of the ASTM method is to obtain a representative sample. Sampling from the bottom does not meet this intent.

CORRECTIVE ACTION

An engineering evaluation was performed where a sample drawn from the recirc line was compared with a sample drawn by the bottle method collected using a sampling thief analyzed by an independent laboratory. Results of this comparison indicated that the samples were similar.

A tech spec change is being sought to allow samples to be collected from the recirc line of the fuel oil transfer pump.

FI000246

Until a determination is made on the tech spec change, samples of the FOST are collected in accordance with the ASTM bottle method using a sampling thief.

INFORMATION CONTACT: Jerrol Taylor, 504-739-6280

FI000247