WBN2Public Resource

From: Arent, Gordon [garent@tva.gov]
Sent: Thursday, August 05, 2010 4:19 PM
To: Lamb, John
Cc: Campbell, Stephen; Raghavan, Rags; Milano, Patrick; WBN2HearingFile Resource; Wiebe, Joel; Crouch, William D
Subject: RE: Question - WBN Unit 2 - Generic Communications
Attachments: Generic Communications Update.docx

John,

Per our conversation, attached is the status of the items noted below. Additionally, the information for ATWS (GL 83-28) is also provided.

Gordon

From: Lamb, John [mailto:John.Lamb@nrc.gov]
Sent: Thursday, August 05, 2010 12:32 PM
To: Arent, Gordon; Crouch, William D
Cc: Campbell, Stephen; Raghavan, Rags; Milano, Patrick; WBN2HearingFile Resource; Wiebe, Joel
Subject: Question - WBN Unit 2 - Generic Communications

Gordon & Bill,

With reference to the open pre-1995 generic communications contained in NUREG-0847, Supplement 21, could you please tell me where the TVA Action is addressed for the following pre-1995 generic communications?

GL 1982-28: Inadequate Core Cooling Instrumentation System
GL 1989-04: Guidelines on Developing Acceptable In-service Testing Programs
GL 1992-08: Thermo-Lag 330-1 Fire Barriers
BL 1992-01: Failure of Thermo-Lag 330 Fire Barrier System to Perform its Specified Fire Endurance Function

Thanks.
John

Hearing Identifier: Watts_Bar_2_Operating_LA_Public
Email Number: 54

Mail Envelope Properties (14495210B2808F499555F3B6E04436570C559EA8)

Subject: RE: Question - WBN Unit 2 - Generic Communications
Sent Date: 8/5/2010 4:18:39 PM
Received Date: 8/5/2010 4:20:31 PM
From: Arent, Gordon

Created By: garent@tva.gov

Recipients:
"Campbell, Stephen" <Stephen.Campbell@nrc.gov>
Tracking Status: None
"Raghavan, Rags" <Rags.Raghavan@nrc.gov>
Tracking Status: None
"Milano, Patrick" <Patrick.Milano@nrc.gov>
Tracking Status: None
"WBN2HearingFile Resource" <WBN2HearingFile.Resource@nrc.gov>
Tracking Status: None
"Wiebe, Joel" <Joel.Wiebe@nrc.gov>
Tracking Status: None
"Crouch, William D" <wdcrouch@tva.gov>
Tracking Status: None
"Lamb, John" <John.Lamb@nrc.gov>
Tracking Status: None

Post Office: TVANUCXVS1.main.tva.gov

Files	**Size**	**Date & Time**
MESSAGE	1027	8/5/2010 4:20:31 PM
Generic Communications Update.docx	20250	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Document	Action	Status
B 92-001 Failure of Thermo-Lag 330 Fire Barrier System to Maintain Cabling in Wide Cable Trays and Small Conduits Free From Fire Damage	No Action Required (C)	This bulletin was provided for information only to plants with construction permits. See Generic Letter 92-08 for Thermo-lag related actions.
GL 82-028 Inadequate Core Cooling Instrumentation System	Unit 2 Action: Install Westinghouse Common Q PAM system. (CI)	LICENSE CONDITION – Detectors for Inadequate core cooling (II.F.2) In the original SER, the review of the ICC instrumentation was incomplete. The January 24, 1992, letter superseded the previous responses on this issue. TVA letter for Units 1 and 2 dated January 24, 1992, committed to install Westinghouse ICCM-86 and associated hardware. NRC completed the review for Units 1 and 2 in SSER10. For Unit 2 due to obsolescence of the ICCM-86 system, TVA intends to install the Westinghouse Common Q Post-Accident Monitoring System.
GL 83-028 "Required Actions Based on Generic Implications of Salem ATWS Events:		
1.2 – Post Trip Review Data and Information Capability	No Action Required (C)	TVA: letters dated November 7, 1983 and December 4, 1987 NRC: IR 50-390, 391/86-04
2.1 – Equipment Classification and Vendor Interface (Reactor Trip System Components)	Unit 2 Action: Ensure that required information on Critical Structures and Components is properly incorporated into procedures. (CI)	TVA: letters dated November 7, 1983 and August 24, 1990 NRC: letters dated October 20, 1986 and June 18, 1990
2.2 – Equipment Classification and	Unit 2 Action: Enter engineering component background data in	NA

Vendor Interface (All SR Components)"	INPO's Equipment Performance and Information Exchange System (EPIX) for Unit 2. (CI)	
3.1 – Post-Maintenance Testing (Reactor Trip System Components)	Unit 2 Action: Test and maintenance procedures and Technical Specifications will include post-maintenance operability testing of safety-related components of the reactor trip system (S) Test and Maintenance procedures require inspection.	Developmental Revision A of the Unit 2 TS (including the TS Bases) was submitted on March 4, 2009. The Bases for TS Surveillance Requirement 3.0.1 states, in part, "Upon completion of maintenance, appropriate post maintenance testing is required to declare equipment OPERABLE. This includes ensuring applicable Surveillances are not failed and their most recent performance is in accordance with SR 3.0.2." .
3.2 – Post-Maintenance Testing (All SR Components)	Unit 2 Action: Test and maintenance procedures and Technical Specifications will include post-maintenance operability testing of safety-related components of the reactor trip system (S) Test and Maintenance procedures require inspection.	Developmental Revision A of the Unit 2 TS (including the TS Bases) was submitted on March 4, 2009. The Bases for TS Surveillance Requirement 3.0.1 states, in part, "Upon completion of maintenance, appropriate post maintenance testing is required to declare equipment OPERABLE. This includes ensuring applicable Surveillances are not failed and their most recent performance is in accordance with SR 3.0.2."
4.1 – Reactor Trip System Reliability (Vendor Related Modifications)	Unit 2 Action: Confirm vendor-recommended DS416 breaker modifications are implemented. (CI)	TVA: letter dated May 19, 1986
4.2 – Reactor Trip System Reliability (Preventive Maintenance and Surveillance Program for Reactor Trip Breakers)	Unit 2 Action: Ensure maintenance instruction procedure and Technical Specifications support reliable reactor trip breaker operation. (S) Maintenance procedures require inspection.	Developmental Revision B of the Unit 2 TS was submitted on February 2, 2010. Item 17. (Reactor Trip Breakers) of TS Table 3.3.1-1 states the requirement for the reactor trip breakers.
4.3 – Reactor Trip System Reliability (Automatic Actuation of Shunt Trip	No Action Required	TVA: letters dated November 7, 1983, March 22, 1985 NRC: IR 50-390/86-04 and 50-

Attachment)		391/86-04; letter dated June 18, 1990
4.5 – Reactor Trip System Reliability (Automatic Actuation of Shunt Trip Attachment)	Unit 2 Action: Address in Technical Specifications, as appropriate. (S)	Developmental Revision B of the Unit 2 Technical Specifications (TS) was submitted on February 2, 2010. Item 18. (Reactor Trip Breaker Undervoltage and Shunt Trip Mechanisms) of TS Table 3.3.1-1 states the requirement for the shunt trip attachment.
GL 89-004 Guidelines on Developing Acceptable Inservice Testing Programs	Unit 2 Action: Submit an ASME Section XI Inservice Test Program for the first ten year interval six months before receiving an Operating License. (OV)	
GL 92-008 Thermo-Lag 330-1 Fire Barriers	Unit 2 Actions: 1) Review Watts Bar design and installation requirements for Thermolag 330-1 fire barrier system and evaluate the Thermolag currently installed in Unit 2. 2) Remove and replace, as required, or prepare an approved deviation. (OV)	TVA configurations for Thermo-Lag 330-1 were reviewed in SSER18 and accepted in NRC letter dated January 6, 1998 (includes a supplemental SE).