

Power Reactor

Event # 50166

Site: WATTS BAR		Notification Date / Time: 06/03/2014 14:15 (EDT)	
Unit: 2	Region: 2	State : TN	Event Date / Time: 06/03/2014 (EDT)
Reactor Type: [1] W-4-LP,[2] W-4-LP		Last Modification: 06/03/2014	
Containment Type: ICE COND			
NRC Notified by: JIM O'DELL		Notifications: SCOTT FREEMAN R2DO	
HQ Ops Officer: CHARLES TEAL		OMID TABABAI NRO	
Emergency Class: NON EMERGENCY		PART 21/50.55 GROUP EMAIL	
10 CFR Section:			
50.55(e)		CONSTRUCT DEFICIENCY	

Unit	Scram Code	RX Crit	Init Power	Initial RX Mode	Curr Power	Current RX Mode
2	N	No	0	Under Construction	0	Under Construction

WATTS BAR UNIT 2 POTENTIALLY DEFECTIVE FUSES INSTALLED

"WBN [Watts Bar Nuclear] Unit 2 (under construction) determined that Littelfuse Part Number FLAS005.T fuses manufactured under three date codes are potentially susceptible to nuisance opening according to Littelfuse letter dated April 30, 2014. Littelfuse Part Number FLAS005.T fuses are commercial grade and dedicated by TVA for use as a basic component in safety related systems. No confirmed examples have been identified that would have created a substantial safety hazard at this time. The potentially defective fuses were purchased for WBN Unit 2 and have been installed on WBN Unit 2 only. No potentially defective fuses have been installed on WBN Unit 1, SQN [Sequoyah] Units 1 or 2, or BFN [Browns Ferry Nuclear] Units 1, 2, or 3. At this time, there is no safety significance because fuel has not been loaded on WBN Unit 2. Installed and potentially defective Part Number FLAS005.T fuses will be replaced prior to obtaining a WBN Unit 2 Operating License. This issue has been documented in TVA's corrective action program as Problem Evaluation Report 878252 and is being conservatively reported by WBN Unit 2 under 10 CFR 50.55(e)."

The licensee has notified the NRC Resident Inspector.

TE19
NRR

**REACTOR PLANT
EVENT NOTIFICATION WORKSHEET**

EN #

NRC OPERATION TELEPHONE NUMBER: PRIMARY -- 301-816-5100 or 800-532-3469*, BACKUPS -- [1st] 301-951-0550 or 800-449-3694*, [2nd] 301-415-0550 and [3rd] 301-415-0553 *Licensees who maintain their own ETS are provided these telephone numbers.

NOTIFICATION TIME -----	FACILITY OR ORGANIZATION Watts Bar Nuclear Plant	UNIT 2	NAME OF CALLER Jim O'Dell	CALL BACK # See below.
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EVENT TIME & ZONE N/A	EVENT DATE 4/30/2014	POWER/MODE BEFORE N/A	POWER/MODE AFTER N/A
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EVENT CLASSIFICATIONS		1-Hr. Non-Emergency 10 CFR 50.72(b)(1)		4-Hr. Non-Emergency 10 CFR 50.72(b)(2)		60-Day Optional 10 CFR 50.73(a)(1)		8-Hr. Non-Emergency 10 CFR 50.72(b)(3)		Other Unspecified Requirement (Identify)	
<input type="checkbox"/>	GENERAL EMERGENCY GEN/AAEC	<input type="checkbox"/>	TS Deviation ADEV	<input type="checkbox"/>	(v)(A) Safe S/D Capability AINA	<input type="checkbox"/>	(v)(B) RHR Capability AINB	<input type="checkbox"/>	(ii)(A) Degraded Condition ADEG	<input type="checkbox"/>	Invalid Specified System Actuation AINV
<input type="checkbox"/>	SITE AREA EMERGENCY SIT/AAEC	<input type="checkbox"/>	(i) TS Required S/D ASHU	<input type="checkbox"/>	(v)(C) Control of Rad Release AINC	<input type="checkbox"/>	(v)(D) Accident Mitigation AIND	<input type="checkbox"/>	(ii)(B) Unanalyzed Condition AUNA	<input checked="" type="checkbox"/>	10CFR50.55(e) NONR
<input type="checkbox"/>	ALERT ALE/AAEC	<input type="checkbox"/>	(iv)(A) ECCS Discharge to RCS ACCS	<input type="checkbox"/>	(xii) Offsite Medical AMED	<input type="checkbox"/>	(xiii) Loss Comm/Asmt/Resp ACOM	<input type="checkbox"/>	(iv)(A) Specified System Actuation AESF	<input type="checkbox"/>	NONR
<input type="checkbox"/>	UNUSUAL EVENT UNU/AAEC	<input type="checkbox"/>	(iv)(B) RPS Actuation (scram) ARPS	<input type="checkbox"/>	(xi) Offsite Notification APRE	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	50.72 NON-EMERGENCY (see next columns)	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	PHYSICAL SECURITY (73.71) DDDD	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	MATERIAL/EXPOSURE B???	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	FITNESS FOR DUTY HFIT	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	OTHER UNSPECIFIED REQMT. (see last column)	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	INFORMATION ONLY NINF	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

DESCRIPTION

Include: Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions taken or planned, etc. (Continue on back)

WBN Unit 2 (under construction) determined that Littelfuse Part Number FLAS005.T fuses manufactured under three date codes are potentially susceptible to nuisance opening according to Littelfuse Letter dated April 30, 2014. Littelfuse Part Number FLAS005.T fuses are commercial grade and dedicated by TVA for use as a basic component in safety related systems. No confirmed examples have been identified that would have created a substantial safety hazard at this time. The potentially defective fuses were purchased for WBN Unit 2 and have been installed on WBN Unit 2 only. No potentially defective fuses have been installed on WBN Unit 1, SQN Units 1 or 2, or BFN Units 1, 2, or 3. At this time, there is no safety significance because fuel has not been loaded on WBN Unit 2. Installed and potentially defective Part Number FLAS005.T fuses will be replaced prior to obtaining a WBN Unit 2 Operating License. This issue has been documented in TVA's corrective action program as Problem Evaluation Report 878252 and is being conservatively reported by WBN Unit 2 under 10 CFR 50.55(e).

Licensing Contacts:

Jim Odell (423) 365-3818
Gordon Arent (423) 365-2004
Tom Metzler (423) 365-7754

Technical Contact:

Steve Hilmes (423) 365-3286

NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	<input type="checkbox"/> YES (Explain above)	<input checked="" type="checkbox"/> NO
NRC RESIDENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DID ALL SYSTEMS FUNCTION AS REQUIRED?	<input type="checkbox"/> YES	<input type="checkbox"/> NO (Explain above)
STATE(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
LOCAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MODE OF OPERATION UNTIL CORRECTED: N/A	ESTIMATED RESTART DATE: (MM/DD/YYYY) N/A	ADDITIONAL INFO ON BACK
OTHER GOV AGENCIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
MEDIA/PRESS RELEASE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

