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Evo	Lice nt Desci	ensee:	TVA 10 CFR 30.50(b)(2) Safety Equi	omen	t Failure				
03032822	nt Desci	npuon.								I
License N	No:	0	1-25207-01	Docket No:		03032822	MLE	ER-RI:	2009-021	
Event Da	te:	1	0/02/09	Report Date:		10/02/09				
1.	REPC	RTING	REQUIREMENT							
		10 CFR	20.1906 Packad	e Contamination			_	x 10 CFR 3	0.50 Report	
			20.2201 Theft o						5.3045 Medic	al Event
		10 CFR	20.2203 30 Day	Report				License C	Condition	
		Other		·						
2.	REGI	ON I RE	SPONSE							
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all primary and secondary systems responded as required.

"The plant is in mode 3 with normal RCS pressure and temperature. Decay heat is being removed by dumping steam to the condenser. The station will remain in mode 3 until repairs are complete. Estimated restart date has not been determined."

All control rods fully inserted. The plant is in a normal post-trip electrical lineup with the exception of the balance of plant buses which are on the alternate electrical source.

The licensee will inform State and local agencies and has informed the NRC Resident Inspector.

Other Nuclear Material	Event Number: 45405
Rep Org: TENNESSEE VALLEY AUTHORITY Licensee: WIDOWS CREEK FOSSIL PLANT Region: 1 City: CHATTANOOGA State: TN County: License #: 01-25207-01 Agreement: Y Docket: NRC Notified By: KEVIN CASEY HQ OPS Officer: CHARLES TEAL	Notification Date: 10/02/2009 Notification Time: 12:53 [ET] Event Date: 10/02/2009 Event Time: [EDT] Last Update Date: 10/02/2009
Emergency Class: NON EMERGENCY 10 CFR Section: 30.50(b)(2) - SAFETY EQUIPMENT FAILURE	Person (Organization): MIKE ERNSTES (R2DO) DENNIS DAMON (NMSS) TERRENCE REIS (FSME)

Event Text

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SHUTTER ON NUCLEAR GAUGE FAILED TO CLOSE

"It was discovered on October 1, 2009, that a twenty-four hour event notification was not reported. The notification was required per 10 CFR 30.50(b)(2) due to [the] inability to close a fixed gauge shutter at TVA's (Tennessee Valley Authority) Widows Creek Fossil Plant. The gauge is a Texas Nuclear unit and contains 100 mCi of Cesium-137. The gauge is used to monitor the slurry surge tank in the U7 and U8 Limestone Ball Mill Building."

This gauge is used under an NRC license to TVA at the Widows Creek Fossil Plant in Stevenson, Alabama.

"The shutter failure discovery was made during a routine shutter check on August 4, 2009. Corrective actions were taken to repair the shutter and the shutter check was successfully completed on August 17, 2009. No personnel radiation exposure was received. These corrective actions were reported in the Corrective Action Program."

Power Reactor	Event Number: 45406
Facility: PRAIRIE ISLAND Region: 3 State: MN Unit: [1] [2] [] RX Type: [1] W-2-LP,[2] W-2-LP NRC Notified By: JOHN KEMPKES HQ OPS Officer: DONALD NORWOOD	Notification Date: 10/02/2009 Notification Time: 15:14 [ET] Event Date: 10/02/2009 Event Time: 11:49 [CDT] Last Update Date: 10/02/2009
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): ROBERT DALEY (R3DO)



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

December 2, 2009

10 CFR 30.6(a)

EVA

ATTN: NRC Document Control Desk Director, Office of Federal and State Materials and Environmental Management Programs U.S. Nuclear Regulatory Commission Washington, D.C. 20555-0001

> Material License No. 01-25207-01 NRC Docket No. 030-32822

Subject: Supplemental Information for 30-Day Report in Accordance with 10 CFR 30.50(c)(2) for Material License No. 01-25207-01

Reference: Letter from TVA to NRC, "Submittal of 30-Day Report in Accordance with 10 CFR 30.50(c)(2) for Material License No. 01-25207-01," dated November 2, 2009

By letter dated November 2, 2009, the Tennessee Valley Authority (TVA) submitted a 30-day written report in accordance with 10 CFR 30.50(c)(2) regarding an event in which equipment was disabled or failed to function as designed. This letter provides the supplemental information as specified in the referenced letter.

As previously reported, during a routine shutter check on August 4, 2009, a fixed gauge shutter failure was discovered. The external shutter, which slides across the aperture, was missing from the gauge. The gauge was a Texas Nuclear Unit, Model Number 5190, Serial Number B2508. The probable cause of the event was that the shutter was not recognized as equipment and was discarded during a plant-wide clean-up. In order to prevent recurrence of this type of shutter failure, a new shutter has been secured to the device. Additionally, the shutter has been tagged, and the tag includes the Radiation Safety Officer's contact information. Other fixed gauges at TVA's fossil plants are not susceptible to this type of shutter failure since they do not have detached shutters.

U. S. Nuclear Regulatory Commission Page 2 December 2, 2009

There are no regulatory commitments contained in this letter. If you have any questions concerning this matter, please contact Kevin Casey at (423) 751-7737.

Respectfully,

6.3.

R. M. Krich Vice President Nuclear Licensing

cc: NRC Regional Administrator – Region II



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

November 2, 2009

10 CFR 30.6(a)

ATTN: NRC Document Control Desk Director, Office of Federal and State Materials and Environmental Management Programs U.S. Nuclear Regulatory Commission Washington, D.C. 20555-0001

> Material License No. 01-25207-01 NRC Docket No. 030-32822

Subject: Submittal of 30-Day Report in Accordance with 10 CFR 30.50(c)(2) for Material License No. 01-25207-01

Reference: NRC Information Notice 2009-18: "Performance of Required Shutter Checks and Reporting of Gauge Shutter Failures," dated September 18, 2009

In accordance with 10 CFR 30.50(c)(2), the Tennessee Valley Authority (TVA) submits the following report regarding an event in which equipment is disabled or fails to function as designed. This event was verbally reported to the Nuclear Regulatory Commission (NRC) on October 1, 2009 on Event Notification Number 45405. Enclosed is NRC Form 361A which was used to document the initial notification. The event occurred on Material License No. 01-25207-01 used at TVA's Widow's Creek Fossil Plant, located in Stevenson, Alabama. This letter also serves as notification to the NRC Regional Administrator.

Description of Incident

During a routine shutter check on August 4, 2009, a fixed gauge shutter failure was discovered. The external shutter, which slides across the aperture, was missing from the gauge. The gauge is a Texas Nuclear unit and contains 100 mCi of Cesium 137. The gauge is located at TVA's Widow's Creek Fossil Plant in the Units 7 and 8 Limestone Ball Mill Building and is used to monitor the slurry surge tank. Corrective actions were taken to repair the shutter and the shutter check was successfully completed on August 17, 2009. No personnel radiation exposure was received. This event was documented in the site's Corrective Action Program. Corrective actions



U.S. Nuclear Regulatory Commission Page 2 November 2, 2009

to prevent recurrence of shutter failures, including the results of any evaluations or assessments performed, will be provided in a supplement to this report by December 2, 2009.

During review of the referenced NRC Information Notice, it was discovered that the event described above should have been reported in accordance with 10 CFR 30.50(b)(2). On October 1, 2009, a twenty-four hour report was made to the NRC on Event Notification Number 45405. The missed report of the shutter failure described above was entered in TVA's Corrective Action Program.

Corrective Actions Planned to Address the Missed Report

As required by TVA's Corrective Action Program, an apparent cause evaluation of the late NRC notification of this event will be performed. The purpose of the evaluation will be to identity the cause of not making the required twenty-four hour report upon discovery of the event. After the cause has been determined, corrective actions will be developed and assigned to prevent recurrence of this type of event. The apparent cause evaluation and corrective actions will be documented in accordance with the cause Correction Action Program.

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There are no regulatory commitments contained in this letter. If you have any questions concerning this report, please contact Kevin Casey at (423) 751-8523.

Respectfully,

R. M. Krich Vice President Nuclear Licensing

Enclosure cc(Enclosure):

NRC Regional Administrator – Region II

									PAGE 1 OF	
NRC FORM 361/	4				U.S. NUCLE	AR REGU	LATORY COM	AISSION	LICENSE NUMBER	
10-2003)					TERIALS				01-25207-01	
REPORT TIME	FACILITY OR ORG	ANIZATION			NAME OF	F CALLER		:	CALL BACK TELEPHONE NO	
1143 EDT	TVA - Widows	Creek Fos	sil Plant		Kevin	Casey			(423) 751-8523	
EVENT TIME	EVENT DATE	LOCATION	OF EVENT (In	clude Count	y and State)		PORTION OF PL	ANT AFFEC	TED	
1400 EDT	10/01/2009	Widows	Creek Foss	il Plant, S	itevenson, AL		U7 & U8 Lime	estone Ba	all Mill Building	
EVENT CLAS	SIFICATIONS	ε	VENT TYPE	s			INCIDENT RE	PORTS	(30.50, 40.60, 70.50)	
	MERGENCY *	FUEL	CYCLE		20.2201	LOSS / TH	IEFT	(a)	PROTECTIVE ACTION PREVENTED	
	MERGENCY		CAL / ACADEN	liC	20.2202	ACTUAL /	THREATENED	(b)(1	UNPLANNED CONTAMINATION	
ALERT			SPORTATION		20.2202	ACTUAL /	THREATENED	(b)(2	SAFETY EQUIPMENT	
	ON OF VENT *	WAST		INT	21.21	DEFECT	/ IPLIANCE			
					26.73		FOR DUTY	(b)(4) FIRE / EXPLOSION		
	TATION EVENT				35.33 MISADMINISTRATION			70.52 CRITICALITY / SNM LOST		
	ON ONLY	OTHER (Specify)			36.83 IRRADIATOR EVENT			70.52 ACTUAL / ATTEMPTED		
OTHER (Spe	city)				39.77 RUPTURED WELL LOGGING SOURCE		CRITICALITY CONTROL 4-HOUR (BULLETIN 91-01)			
					39.77 IRRETRIEVABLE WELL LOGGING SOURCE		CRITICALITY CONTROL 24-HOL (BULLETIN 91-01)			
* ONLY UNDER OLD 1981 ORDER					40.26 TAILINGS / WASTE DAM FAILURE		OTHER NON-CFR REQUIREMEN			
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PRESS RELEAS	E?				ON PAGE 2?			NO 🔽		
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10 CFR 30.50 Nuclear unit a Ball Mill Buildi	(b)(2) due to ina nd contains 100 ng.	bility to clo mCi of Ce	se a fixed g sium 137. 1	auge shu The gaug	tter at TVA's N e is used to m	Widows ionitor th	Creek Fossil P le slurry surge	lant. The tank in th	ication was required per gauge is a Texas e U7 & U8 Limestone ns were taken to repair	
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with contract and

NRC FORM 361A (10-2003)

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