

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8102170436 DOC. DATE: 81/01/19 NOTARIZED: NO DOCKET #
 FACIL: 50-438 Bellefonte Nuclear Plant, Unit 1, Tennessee Valley Au 05000438
 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au 05000439
 AUTH. NAME: AUTHOR AFFILIATION
 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME: RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

SUBJECT: Part 21 rept & First Interim Deficiency Repts 81-05 & 81-06
 re solvent adversely affecting dielectric substance,
 initially reported 801218. Util working w/B&W to ascertain
 action required. Next rept expected by 810721.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES:

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	ID CODE/NAME		LTR	ENCL	ID CODE/NAME		LTR	ENCL
ACTION:	A/D LICENSNG	04	1	1	YOUNGBLOOD, B	05	1	1
	RUSHBROOK, M.	06	1	1	BOURNIA, T.	07	1	1
INTERNAL:	AD/RCT/IE	17	1	1	ASLBP/J. HARD		1	1
	D/DIR HUM FAC	15	1	1	DIR, DIV OF LIC		1	1
	EDO & STAFF	19	1	1	EQUIP QUAL BR	11	1	1
	HYD/GEO BR	22	1	1	I&E	09	1	1
	LIC QUAL BR	12	1	1	MPA	20	1	1
	NRC PDR	02	1	1	OELD	21	1	1
	PROC/TST REV	13	1	1	QA BR	14	1	1
	REG FILE	01	1	1	RUTHERFORD, W. IE		1	1
	STANDRDS DEV	21	1	1				
EXTERNAL:	ACRS	16	16	16	LPDR	03	1	1
	NSIC	08	1	1				

FEB 27 1981

TENNESSEE VALLEY AUTHORITY

USNRC REGION II
ATLANTA, GEORGIA CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

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January 19, 1981

BLRD-50-438/81-05

BLRD-50-439/81-06

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - LAMBDA POWER MODULE FAILURES -
BLRD-50-438/81-05, BLRD-50-439/81-06 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. W. Wright on December 18, 1980, in accordance with 10 CFR 50.55(e) as NCR BLN EEB 8006. Enclosed is our first interim report. We expect to submit our next report by July 21, 1981. We consider 10 CFR Part 21 to be applicable to this deficiency.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
LAMBDA POWER MODULE FAILURES

BLRD-50-438/81-05

BLRD-50-439/81-06

10 CFR 50.55(e)

FIRST INTERIM REPORT

Description of Deficiency

In the process of cleaning and preparing capacitor charge plates for Lambda type LXS-E-24-R power supplies, a solvent was applied which adversely affected the dielectric substance. The solvent's contamination of the dielectric results in an inability to fully charge the capacitor plates and may result in effectively short circuiting the capacitor and denying power to essential controls and instrumentation.

Interim Progress

TVA is working through B&W to ascertain the action required to correct the subject deficiency.