

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8105050552 DOC. DATE: 81/04/29 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
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 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

SUBJECT: First interim deficiency rept re nonconforming temp switches
 in auxillary power sys, initially reported on 810331. Cause
 not determined. Replacement switches ordered. Investigation
 continuing. Next rept by 810515.

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

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INTERNAL:	ASLBP/J.	HARD	1	1	D/DIR	HUM FAC15	1	1
	EDO & STAFF	19	1	1	EQUIP	QUAL BR11	1	1
	HYD/GEO	BR 22	1	1	I&E	09	1	1
	IE/EES		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
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	RUTHERFORD, W.	IE	1	1	STANDRDS	DEV 21	1	1
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MAY 06 1981

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TENNESSEE VALLEY AUTHORITY
MEMPHIS, TENNESSEE

400 Chestnut Street Tower II

April 29, 1981



BLRD-50-438/81-29
BLRD-50-439/81-32

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:

BELLEVILLE NUCLEAR PLANT UNITS 1 AND 2 - TEMPERATURE SWITCHES IN AUXILIARY
POWER SYSTEMS - BLRD-50-438/81-29, BLRD-50-439/81-32 - FIRST INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on March 30, 1981, in accordance with 10 CFR 50.55(e)
as NCR 1411. Enclosed is our first interim report. We expect to submit
our next report by May 15, 1981.

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
TEMPERATURE SWITCHES IN AUXILIARY POWER SYSTEMS
BLRD-50-438/81-29, BLRD-50-439/81-32
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Electrical switches in the Auxiliary Steam System are designed to conform to the requirements of Design Criteria N4-SA-D740, "Design Criteria for the Auxiliary Steam System." According to that criteria, electrical temperature switches are to be purchased as Class IE qualified equipment. Temperature switches for the Auxiliary Steam System that are designed to isolate a break in that system were not purchased to meet Class IE requirements.

The cause of this deficiency is not yet known.

Interim Progress

Replacement switches have been ordered for the Auxiliary Steam System. These switches will be Class IE qualified. TVA is still in the process of investigating the nonconformance in order to determine its cause and any action to prevent recurrence.