

# 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  
 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: First interim deficiency rept re nonconforming temp switches  
 in auxiliary 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)

## NOTES:

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ACTION:	A/D LICENSNG 04	1	1	LIC BR #4 BC 05	1	1
	LIC BR #4 LA 06	1	1	LIC BR #4 PM 07	1	1
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
	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			

MAY 06 1981

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TENNESSEE VALLEY AUTHORITY  
MEMORANDUM FOR THE DIRECTOR

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.