

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-438 Bellefonte Nuclear Plant, Unit 1, Tennessee Valley Au 050.00438
 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au 050.00439
 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: Second interim deficiency rept re Consolidated Controls Corp field buffer cards, initially reported on 801203. Site insps have been completed & defective cards identified. Next rept will be provided by 810708.

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

NOTES:

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	EDO & STAFF 19		1	1	EQUIP QUAL BR11		1	1
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EXTERNAL:	ACRS 15		16	16	LPDR 03		1	1
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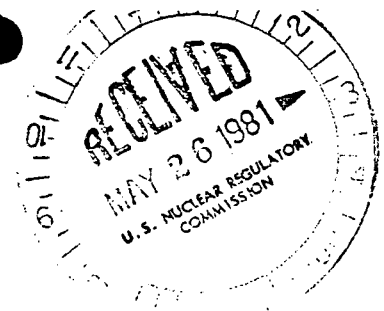
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TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

May 21, 1981



BLRD-50-438/81-32
BLRD-50-439/81-35

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 - CONSOLIDATED CONTROL CORPORATION
FIELD BUFFER CARDS - BLRD-50-438/81-32, BLRD-50-439/81-35 - SECOND INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. W. Wright on December 3, 1980 in accordance with 10 CFR 50.55(e) as NCR 1296. This was followed by our first interim report dated January 1, 1981. Enclosed is our second interim report. We expect to submit our next written report by July 8, 1981. We consider 10 CFR Part 21 to be applicable to this nonconformance.

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
CONSOLIDATED CONTROL CORPORATION FIELD BUFFER CARDS
BLRD-50-438/81-32, BLRD-50-439/81-35
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

Field buffer cards (6N193-1) in the Solid State Control System are vendor supplied by Consolidated Controls Corporation. The cards can be used interchangeably in both safety-related and nonsafety-related systems. Some field buffer cards have been found with electrical shorts between inputs of separate channels and others have had pins which were not soldered. The electrical shorts on the cards appear to have been caused by solder defects between pins.

Interim Progress

Site inspections have been completed and all cards which have discrepancies have been identified.

The vendor (Consolidated Controls Corporation) is reviewing their QA and manufacturing programs and continues to test the cards at their facilities in Bethel, Connecticut.

TVA is continuing to evaluate the concern.

PART 21 IDENTIFICATION NO. 81-431-000 COMPANY NAME TVA

DATE OF LETTER 5/15/81 DOCKET NO. 50-438/439

DATE DISTRIBUTED _____ ORIGINAL REPORT SUPPLEMENTARY

DISTRIBUTION:

REACTOR (R)

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EES - *mills*

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VENDOR BR. R-IV

LOEB / MPA MNB 5715

AEOD MNB 7602
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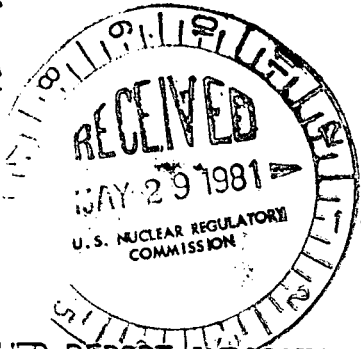
NWSS / FCMS SS-395

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SAFEGUARDS (S)

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ASLBP E/W 450

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ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOWUP AS SHOWN BELOW:

IE

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