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 RECIPIENT NAME: O'BRIEN, J.P. RECIPIENT AFFILIATION: Region 2, Atlanta, Office of the Director

SUBJECT: First interim deficiency report re Consolidated Control Corp field buffer cards, initially reported on 801203. Util is investigating method of verifying adequacy of all field buffer cards. Next report will be forwarded by 810521.

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

NOTES:

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	ASLBP/J.HARD	1	1	D/DIP HUM FAC15	1	1
	DIR, DIV OF LIC	1	1	EDO & STAFF 19	1	1
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	IRE 09	1	1	LIC QUAL BR 12	1	1
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	QA BR 14	1	1	REG FILE 01	1	1
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M.A.I.

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JF

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

January 2, 1981

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:

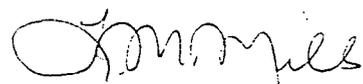
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - CONSOLIDATED CONTROL CORPORATION
FIELD BUFFER CARDS - NCR 1296 - FIRST INTERIM REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector R. W. Wright on December 3, 1980, in accordance with 10 CFR 50.55(e). Enclosed is our first interim report. We expect to submit our next written report by May 21, 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
BLNP UNITS 1 AND 2
CONSOLIDATED CONTROL CORPORATION FIELD BUFFER CARDS
10CFR50.55(e) NCR 1296
FIRST INTERIM REPORT

Description of Deficiency

Field buffer cards (6N193-1) in the Solid State Control System are vendor supplied by Consolidated Controls Corporation. The card has application in both safety-related and non-safety-related systems, but component cards between the two can be used interchangeably. 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

TVA is evaluating the concern and discussing methods to verify adequacy of all field buffer cards.