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 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 mal

SUBJECT: First interim deficiency rept re socket weld misalignment on essential air sys welds. Welds failed to meet specs & procedures & are being evaluated to determine whether they satisfy seismic Category I loading requirements.

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

NOTES:

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TENNESSEE VALLEY AUTHORITY

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400 Chestnut Street Tower

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October 29, 1980

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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

US NRC  
DISTRIBUTION SERVICES  
BRANCH

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - SOCKET WELD MISALIGNMENT ON  
ESSENTIAL AIR SYSTEM WELDS - NCR 1267 - FIRST INTERIM REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector R. W. Wright on September 30, 1980, in accordance with 10 CFR 50.55(e). Enclosed is our first interim report. We expect to submit our next written report by December 16, 1980.

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  
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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
SOCKET WELD MISALIGNMENT ON ESSENTIAL AIR SYSTEM WELDS  
NCR 1267  
10 CFR 50.55(e)  
FIRST INTERIM REPORT

Description of Deficiency

Approximately 20 percent of the 113 socket welds surveyed by nondestructive examination in the Essential Air System piping failed to meet TVA welding specifications and procedures (G-29M, dwg. 1.M.1.2-11R1) requirements.

Interim Progress

These welds are being evaluated to determine whether or not they will satisfy Seismic Category I loading requirements. Unsatisfactory welds will be reworked.