

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

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JUL 30 1990

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

) Docket Nos. 50-327 50-328
) 50-390 50-391
) 50-438 50-439
) 50-259 50-260
) 50-296

TVA WELDING PROJECT FINAL REPORT: REVISION 1

Enclosed is Revision 1 to the TVA Welding Project Final Report which was initially submitted to NRC by TVA letter dated August 25, 1989. This revision consists of a single page and is necessary to reflect TVA's current plan of revising existing specifications in lieu of generating new specifications.

Please destroy the previous version of this page and replace it with the enclosed page. If you have any questions, you may telephone R. H. Shell at (615) 751-2474 in Chattanooga.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



E. G. Wallace, Manager
Nuclear Licensing
and Regulatory Affairs

Enclosure

cc: See page 2

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U.S. Nuclear Regulatory Commission

JUL 30 1990

Enclosure

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INTERIM WELDING PROGRAM CHANGES**1.0 Nuclear Engineering Summary**

Two major activities are currently ongoing within Nuclear Engineering (NE) to provide additional assurance that adequate and effective welding requirements are included in design output documents for future construction, modification, and maintenance activities. These are as follows:

- In addition to the WP review, NE is conducting a comprehensive review of licensing and regulatory commitments relating to welding. Based on the review results, new specifications will be prepared or existing specifications revised to delineate these requirements. These specifications will in turn lead to site-specific, activity-directed documents. R1
- The TVA G-29 Specification, "Process Specification for Welding, Heat treatment, Nondestructive Examination, and Allied Field Fabrication Operations," consists of a mixture of welding and welding-related specifications, implementing procedures such as NDE and welder performance qualification procedures, and the welding procedures for the physical welding process. These are prepared by NE and issued to all nuclear sites.

Welding-related requirements of G-29 shall be incorporated into implementing procedures which are the responsibility of the applicable user organizations such as NPP and NQA. Welding procedures will be revised and reformatted by NE to be user friendly and concise. These procedures will be issued in a separate manual as "Detail Welding Procedure Specifications." R1

2.0 Nuclear Construction Summary**1. Corporate Field Welding Program Development**

NPP is currently developing an integrated program for the control of field welding and related (special) processes. This program will serve to consolidate the many existing programs into a unified program which will be implemented for initial construction, modifications, and maintenance activities.

The essential program elements which will be addressed by standards in this program are as follows: