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 AUTH. NAME: AUTHOR AFFILIATION  
 VAN BRUNT, E.E. Arizona Public Service Co.  
 RECIP. NAME: RECIPIENT AFFILIATION

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SUBJECT: Final deficiency rept re undersized structural steel fillet welds. Welds are sufficient to handle design loading while providing adequate safety margin for crack prevention. Dispositioned as not reportable.

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NOTES: Standardized Plant. 05000528  
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August 25, 1980

ANPP-16191-BSK/JAR

U. S. Nuclear Regulatory Commission  
Region V  
Walnut Creek Plaza - Suite 202  
1990 North California Boulevard  
Walnut Creek, California 94596

Attention: Mr. G. S. Spencer, Chief  
Reactor Construction and  
Engineering Support Branch

Subject: A 50.55(e) Potentially Reportable Deficiency  
Relating to Undersized Structural Steel Fillet  
Welds  
Final Report  
File: 80-019-026

Reference: (1) Telephone Conversation between R. Haynes  
and B. S. Kaplan on June 12, 1980  
(DER 80-3)  
(2) Interim Report, ANPP-15741, dated June 26,  
1980

Dear Sir:

Attached, is our final written report of the potential reportable deficiency, under 10CFR50.55(e), relating to fillet welds for structural steel undersized with respect to AWS D1.1 and AISC minimum weld requirements.

The structural fillet welds referenced in this report, even though undersized with respect to the minimum requirements of AWS D1.1-75 and AISC, are sufficient to handle the design loadings while providing an adequate safety margin for crack prevention. The structural fillet welding referenced herein will be accepted without repair.

Since it is demonstrated that this condition has no safety significance, does not require any repair operations and did not require extensive analysis, it is dispositioned as not reportable.

Very truly yours,

*E. E. Van Brunt*

E. E. Van Brunt, Jr.  
APS Vice President  
Nuclear Projects  
ANPP Project Director

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EEVBjr/BSK:skc

Attachments

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Mr. G. S. Spencer, Chief  
Reactor Construction and  
Engineering Support Branch  
ANPP-16191-BSK/JAR  
August 25, 1980  
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cc: Victor Stello, Jr., Director w/attachments  
~~Office of Inspection and Enforcement~~  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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