

Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85036

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February 28, 1983

ANPP-23121-GHD/BSK

REGION VICE

U. S. Nuclear Regulatory Commission  
Region V  
Creskide Oaks Office Park  
1450 Maria Lane - Suite 210  
Walnut Creek, California 94596-5368

Attention: Mr. D. M. Sternberg, Chief  
Reactor Projects Branch 1

Subject: Final Report - DER 81-39  
A 50.55(e) Report Relating to  
Unit 1 Gas Stripper By CE Has Undocumented Section Of Pipe  
And Welds  
File: 83-019-026  
D.4.33.2

Reference: (A) Telephone Conversation between J. Eckhardt and  
G. Duckworth on November 21, 1981  
(B) ANPP-19646, dated December 9, 1981 (Interim Report)  
(C) ANPP-20011, dated January 28, 1982 (Time Extension)  
(D) ANPP-20618, dated April 5, 1982 (Time Extension)  
(E) ANPP-20967, dated May 14, 1982 (Time Extension)

Dear Sir:

Attached is our final written report of the deficiency referenced above,  
which has been determined to be Not Reportable under the requirements of  
10CFR50.55(e).

Very truly yours,

E. E. Van Brunt

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

EEVBJr/GHD:db

Enclosure

cc See Attached Page 2

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U. S. Nuclear Regulatory Commission  
Attention: Mr. D. M. Sternberg, Chief  
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cc: Richard DeYoung, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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FINAL REPORT - DER 81-39  
DEFICIENCY EVALUATION 50.55(e)  
ARIZONA PUBLIC SERVICE COMPANY (APS)  
PVNGS UNIT 1

I. DESCRIPTION OF DEFICIENCY

Bechtel Nonconformance Report N-A-558 was initiated to correct unacceptable welds on the partially assembled Unit 1 Gas Stripper supplied by Combustion Engineering. This item was delivered partially assembled to support the Unit 1 construction schedule. The defective welds were on a 2" pup-piece between a column nozzle and 4" to 3" reducer; however, when the N-5 Code Data Report was checked, it was discovered that the pup-piece was not accounted for as material meeting the requirements of the ASME Code.

A subsequent review of this condition by Bechtel site engineering found that the pup-piece was to be replaced as part of the normal installation procedure. Helix Process Systems' Field Assembly Procedure for the Unit 1 Gas Stripper, Specification No. A3979607, Section 4.2.1.5, requires replacement of the pup-piece during field assembly of this unit.

The Bechtel NCR and subsequent DER were inadvertently initiated by Bechtel field personnel not having knowledge of the existence of the installation procedure for this particular piece of equipment.

CE's supplier, Helix Process Systems, prepared the procedure uniquely for the Unit 1 Gas Stripper and provided the document with shipment of the equipment. Since Bechtel's Drawing and Data Control system was by-passed, the personnel responsible for reviewing these reports were not aware that a unique procedure existed.

II. ANALYSIS OF SAFETY IMPLICATIONS

This condition is evaluated as Not Reportable. A safety significant condition never existed. Although the above condition reflects an oversight in Bechtel's preliminary investigation, this event does not constitute a breakdown of the Quality Assurance Program as defined by 10CFR50.55(e).

III. CORRECTIVE ACTION

The NCR will be dispositioned to replace the piece with material meeting the requirements of the ASME Code as per the Field Assembly Procedure, which has been retained in Bechtel's Drawing and Data Control system for record purposes.

Action to preclude recurrence is being taken by notifying Combustion Engineering that all assembly and/or instruction manuals, including special case conditions such as the Unit 1 Gas Stripper, must be submitted to Bechtel Engineering prior to delivery of the equipment. By providing this information to Bechtel Engineering, the proper control and distribution of this information can be accomplished in the same manner as the other CE design documents.

This condition is isolated to the CE/Bechtel interface for NSSS items, because the remainder of the Project suppliers are required to use Supplier Deviation Disposition Requests for conditions such as this.

The Gas Strippers for Units 2 and 3 are being delivered to the jobsite fully assembled, therefore no further repairs or replacement will be necessary.