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 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Public 05000529  
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Public 05000530  
 AUTH. NAME AUTHOR AFFILIATION  
 VAN BRUNT, E.E. Arizona Public Service Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Final interim deficiency report re discovery that stem extension for Borg-Warner valves could loosen after cycles. Cause not stated. C-E will coordinate valve mod rework.

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

NOTES: Standardized Plant. 05000528  
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ARIZONA



PUBLIC SERVICE COMPANY

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July 29, 1980  
ANPP-16035-JEC/BSK

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) Reportable Condition Relating to Borg-  
Warner Valves with Stem Extensions Which Could  
Loosen After a Few Cycles  
File: 90-019-026

Reference: Telephone Conversation between J. Eckhardt and  
J. E. Cook on July 23, 1980 (DER 80-21)

Dear Sir:

Attached, is our final written report of the reportable deficiency,  
under 10CFR50.55(e), referenced above.

Very truly yours,

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

EEVBJr/JEC:skc

Attachment

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FINAL REPORT  
REPORTABLE DEFICIENCY 50.55(e)  
ARIZONA PUBLIC SERVICE COMPANY (APS)  
PVNGS UNITS #1, #2 AND #3

I Description of Deficiency

Borg-Warner, a subsupplier to Combustion Engineering for the NSSS, found, during a test of 1", 1½" and 3" valves, that the stem extension used for position indication could loosen after a few cycles. If the stem extension came off, it could prevent valve movement.

Bechtel has verified, by telecon with Borg-Warner, that a 10CFR Part 21 report has been filed with the NRC to cover the parts supplied to PVNGS as part of the Combustion Engineering NSSS contract.

II Analysis of Safety Implications

This condition is considered reportable, since it acknowledges the deficiency described in the 10CFR Part 21 report filed by Borg-Warner.

III Corrective Action

Bechtel has tagged the identified valves and initiated NCR-PX-1412 to cover the valve modification rework. Borg-Warner will supply Combustion Engineering with instructions and parts for the valves, in turn, Combustion Engineering will coordinate the modification implementation with Bechtel construction personnel at the jobsite. Completion of this modification prior to system turn-over for startup will be accomplished following established NCR procedures.



U. S. Regulatory Commission  
Attention: Mr. G. S. Spencer, Chief  
ANPP-16035-JEC/BSK  
July 29, 1980  
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cc: Victor Stello, Jr., Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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