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ARIZONA



PUBLIC SERVICE COMPANY

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P.O. BOX 21666 - PHOENIX, ARIZONA 85036

August 20, 1982
ANPP-21663-GHD/BSK

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

Attention: Mr. T. W. Bishop, Chief
Reactor Construction Project Branch

Subject: Final Report - DER 82-33
A 50.55(e) Report Relating to Anchor-Darling 3"
Check Valve Leakage Past Seat Due to Factory
Omission of Tack Weld on Setscrew.
File: 82-019-026
D.4.33.2

Reference: (A) Telephone Conversation between J. Eckhardt and
G. Duckworth on June 22, 1982
(B) ANPP-21448, dated July 22, 1982 (Interim Report)

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
ANPP Project Director

EEVBjr/GHD:db

Attachment

cc: See Attached Page 2

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U. S. Nuclear Regulatory Commission
Attention: Mr. T. W. Bishop, 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 82-33

DEFICIENCY EVALUATION 50.55(e)

ARIZONA PUBLIC SERVICE COMPANY (APS)

PVNGS UNIT 1

I. DESCRIPTION OF DEFICIENCY

During startup testing an Anchor Darling Valve Company 3" Swing Check Valve, PVNGS Tag No. 1PIAEV-073, which is located inside the Containment Building and provides isolation of the Instrument Air System header supplying utility air stations, was disassembled to correct a leaking condition. Upon disassembly, it was found that the valve pin set screw (PC-14) was not tack welded per the vendor drawing. This condition would allow the valve pin to become dislodged, thereby causing the valve to become completely non-operative. Further checking by Bechtel Construction of similar Anchor Darling valves indicate that this condition is limited to the single case.

II. ANALYSIS OF SAFETY IMPLICATIONS

This condition is evaluated as not reportable under 10CFR50.55(e) since the subject check valve is located on a system that is not in service during reactor operation, has the outside containment isolation valve normally locked closed, and terminates inside containment at utility air stations with normally closed valves. A potentially safety significant impact due to failure of this check valve does not exist.

III. CORRECTIVE ACTION

1. Discussions with Anchor Darling Valve Company have indicated that staking the set screw in place of a tack weld would be acceptable. APS will perform this repair on the Unit 1 valve in conjunction with the vendors requirements to shim the valve to obtain allowable seat leakage.
2. Units 2 and 3 Anchor Darling's 3" instrument air check valves, one in each unit, will be inspected by Bechtel Construction to assure that the valve pin set screw (PC-14) has been tack welded and/or repaired by staking. Nonconformance Reports PC-4382 and PC-4383 have been initiated to document this inspection.