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Arizona Public Service Company

P.O. BOX 21686 • PHOENIX, ARIZONA 85036

February 15, 1984
ANPP-28885-BSK/TRB

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

Attention: Mr. T. W. Bishop, Director
Division of Resident
Reactor Projects and Engineering Programs

Subject: Interim Report - DER 84-02
A 50.55(e) Potentially Reportable Deficiency Relating to
Excessive Rust, Scale and Pitting in Clevis and Arm of Several
SI and CH valves.
File: 84-019-026; D.4.33.2

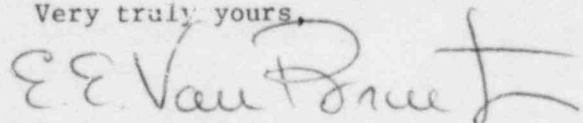
Reference: Telephone Conversation between P. Johnson and T. Bradish on
January 23, 1984.

Dear Sir:

The NRC was notified of a potentially reportable deficiency in the
referenced telephone conversation. At that time, it was estimated that a
determination of reportability would be made within thirty (30) days.

Due to the extensive investigation and evaluation required, an Interim
Report is attached. It is now expected that this information will be
finalized by March 27, 1984, at which time a complete report will be
submitted.

Very truly yours,



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

EEVB/TRB:db
Attachment

cc: See Page Two

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PDR ADOCK 05000528
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Mr. T. W. Bishop
DER 84-02
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cc: Richard DeYoung, Director
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U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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INTERIM REPORT - DER 84-02
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 1, 2, 3

I. POTENTIAL PROBLEM

NCR SM-3448 identified the existence of excessive rust, heavy scale, and pitting of the clevis (Part No. 26) in valves 1PS1AV205, 1PS1BV206, and 1PS1BV158. The material type listed on drawing NO01-11.04-17-8 for the clevis is ASTM 296 GR CFBM. NCR SM-3534 identified the existence of excessive oxidation of the clevis and arm in valve 2PCHE-V450 and several other valves (2PCHN-V139, 2PCHN-V450, and 2PCHN-V647). The material type listed on drawing NO01-7.09-88 for the clevis is ASTM A 240 type 316L and for the arm is AMS 5398 17-4PH.

Further Field Investigation revealed the existence of rust on the internal walls of the valve body and there is reason to believe that this condition could be generic to all C.E. (Borg-Warner) check valves in the SI and CH subsystems.

II. APPROACH TO AND STATUS OF PROPOSED RESOLUTION

Bechtel Engineering is corresponding with C-E for reportability and technical justification of corrective action.

III. PROJECTED COMPLETION OF CORRECTIVE ACTION AND SUBMITTAL OF THE FINAL REPORT

Evaluation of this condition and submittal of the Final Report is Forecast to be completed by March 27, 1984.