

Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85036

January 27, 1984
ANPP-28734-BSK/KCP

U. S. Nuclear Regulatory Commission
Region V
Creskide 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, Revision 1 - DER 83-50
A 50.55(e) Potentially Reportable Deficiency Relating
to Reactor Coolant Pump Has Broken Impeller Blade
File: 84-019-026; D.4.33.2

Reference: A) Telephone Conversation between T. Young and R. Tucker
on July 18, 1983
B) ANPP-27594, dated August 19, 1983 (Interim Report)
C) ANPP-28314, dated November 29, 1983 (Time Extension)

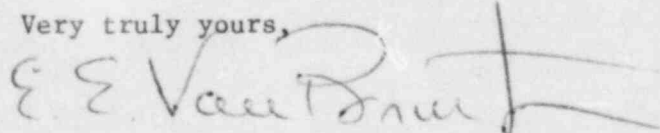
Dear Sir:

The NRC was notified of a potentially reportable deficiency in Reference (A), an Interim Report was transmitted by Reference (B), and a Time Extension requested by Reference (C). At that time, it was estimated that a Final Report would be available by January 27, 1984.

Due to the duplication of information and reporting involved, DER 83-50 is being combined with and transferred to DER 83-49, in accordance with the revised Interim Report, attached, and as discussed with Mr. Paul Narbut of your office. It is expected that this information will be finalized in DER 83-49 by June 15, 1984, at which time a complete report will be submitted.

50-528

Very truly yours,



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

EEVB/KCF:pt
Attachment

cc: See Page Two

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PDR ADOCK 05000528
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Mr. T. W. Bishop
DER 83-50
Page Two

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

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File: DER 83-50

INTERIM REPORT - REVISION 1 - DER 83-50
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PNVGS UNIT 1

I. Potential Problem

- A. Two (2) blades had large pieces (6x4 and 8x10) missing. Missing pieces are believed to be in the RCP System.
- B. There was a crack approximately ten inches (10") long on one impeller in the vicinity of the upper root area.
- C. Damage to the diffuser wear ring.
- D. Evidence of cavitation damage to five (5) blades of the diffuser.

II. Approach To and Status of Proposed Resolution

Bechtel Engineering is corresponding with CE to provide reportability disposition and technical justification for corrective action. The deficiencies identified in Section I were originally identified in NCR's SM-2597, SM-2599, SM-2402 and SM-2432. All previous Reactor Coolant Pump NCR's, including those listed above, have since been superseded by NCR's SM-2657, SM-2658, SM-2659 and SM-2660. These four (4) NCR's, and the corresponding corrective action, are being documented in DER 83-49. Therefore, to prevent duplicate reporting, DER 83-50 is being transferred to and combined with DER 83-49.

II. Projected Completion of Corrective Action and Submittal of the Final Report

Refer to the Interim Report, Revision 1, for DER 83-49.