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ARIZONA



PUBLIC SERVICE COMPANY

P. O. BOX 21666 · PHOENIX, ARIZONA 85036

May 14, 1982

ANPP-20966-GHD/BSK

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

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

Subject: Interim Report, Revision 1 - DER 81-43
A 50.55(e) Potentially Reportable Deficiency Relating
to Unit #1 Steam Generators Loose Internal Nuts and
Couplings
File: 82-019-026
D.4.33.2

Reference: (A) Telephone Conversation between J. Eckhardt and
G. Duckworth on November 23, 1981
(B) ANPP-19678, dated December 23, 1981 (Interim
Report)
(C) ANPP-20220, dated February 19, 1982 (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 was requested by Reference (C). At that time, it was estimated that a Final Report would be available by May 21, 1982.

Due to the extensive investigation and evaluation required, a revised Interim Report is attached. It is now expected that this information will be finalized by September 21, 1982, at which time a complete report will be submitted.

Very truly yours,

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

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Enclosure

cc: See Attached Page 2

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Attention: Mr. T. W. Bishop, Chief
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INTERIM REPORT, REVISION 1 - DER 81-43
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 1

I. Potential Problem

Entry by Bechtel into Steam Generator #2 for special instrumentation installation disclosed Combustion Engineering, Chattanooga, delivered the item with missed factory operations.

- Marmon Couplings holding steam separators were not tightened.
- Approximately fifty percent (50%) of nuts in steam dryers above can deck were not tightened.
- One area of incomplete drilling through facing plate resulted in only three (3) of four (4) bolt locations being installed.
- Sixty (60) Nuts, PC #273-3503, were not tack welded per View T-T of Drawing E-78272-371-020, Revision 1.
- Dryer deck area is not clean, appears debris was generated during fit-up and welding of steam outlet piping.
- These problems would have gone undetected had it not been for entry to incorporate instrumentation modification.

Entry into Steam Generator #1 revealed the following nonconformances (NCR NC-661) in regard to CE Drawing E-78273-371-021, Revision 1:

- Forty-nine (49) Nuts, PC #273-3503, were not tack welded as per View T-T of the drawing.
- In place of tack welds, lock washers have been installed under nuts.
- Four (4) large nuts were not tack welded as per Section S-S.
- One (1) bolt and nut assembly is missing as per Section P-F.

II. Approach To and Status Of Proposed Resolution

Bechtel has requested assistance from Combustion Engineering in evaluating and dispositioning these problems, but has not yet received their complete technical evaluation for all the defects.

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 September 21, 1982.