

Arizona Public Service Company

September 17, 1984
ANPP-30533-TDS/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 84-53
A 50.55(e) Potentially Reportable Deficiency Relating to Nuts
On Bolts Found Loose On PC And CH Valves.
File: 84-019-026; D.4.33.2

Reference: Telephone Conversation between P. Narbut and T. Bradish on
August 17, 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 November 2, 1984, at which time a complete report will be
submitted.

Very truly yours,

E. E. Van Brunt

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

EEVB/TRB/nj
Attachment

cc: See Page Two

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Mr. T. W. Bishop
DER 84-53
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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 84-53
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS 2 & 3

I. Potential Problem

During a Quality Assurance Audit of WPP/QCI 207.0, Rev. 9, "Disassembly and Reassembly of Quality Class 'Q', 'R', and 'S' Valves," a number of valves were discovered with bolting deficiencies. Audit #QAF 101-S-84-37-A reviewed forty-one valves. The review discovered loose and/or missing hex bonnet nuts in twelve valves and diaphragm valve stud nuts which were in a less than flush condition in the valve body and/or nut in nine valves. The audit also reported that specification 13-PM-204 for "Nuclear Field Fabrication and Installation of Piping Systems" and Procedure WPP/QCI 207.0 for "Disassembly and Reassembly of Quality Class 'Q', 'R', and 'S' Valves" lack the requirements of the ASME code to define the proper thread engagement.

II. Approach To and Status Of Proposed Resolution

1. The deficiencies of the valves found during the QA audit will be reviewed with the respective vendors to determine the adequacy of the valves in the present condition.
2. Bechtel Construction is to develop a reinspection program to determine that this is an isolated situation.
3. The specification and WPP/QCI will be reviewed along with the ASME code to determine if more clarification is required.

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

Bechtel Construction is currently evaluating QAF 101-84-37-A. One portion of the evaluation included reinspecting a percentage of valves in Units 2 and 3 to determine that the cases listed above are isolated cases. This reinspection was initiated under WPP/QCIW569.0 and 570.0. The results of the reinspection program are now being evaluated. Construction is also evaluating the valves which were discovered with bolting deficiencies. Engineering is reviewing the specifications to determine if clarification is required. The evaluation for this review and the final report are forecast to be completed by November 2, 1984.