

ARIZONA



PUBLIC SERVICE COMPANY

P. O. BOX 21666 • PHOENIX, ARIZONA 85036

June 9, 1981
ANPP-18183-BSK/JAR

U. S. Nuclear Regulatory Commission
Region V
Walnut Creek Plaza - Suite 202
1990 North California Boulevard
Walnut Creek, California 94596

Attention: Mr. B. H. Faulkenberry, Chief
Reactor Construction and
Engineering Support Branch

Subject: Interim Report
A 50.55(e) Potentially Reportable Deficiency Relating
to Hardened Washers Not Used As Required by the ASME
Code
File: 80-019-026
D.4.33.2

Reference: Telephone Conversation between J. Eckhardt and C. T.
Lewis on May 12, 1981 (DER 81-10)

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 December 15, 1981, at which time a complete report
will be submitted.

Very truly yours,

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

EEVBJr/BSK:skc

Attachment

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U. S. Nuclear Regulator, Commission
Attention: Mr. B. H. Faulkenberry
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June 9, 1981
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cc: Victor Stello, Jr., Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

A. C. Gehr
Snell & Wilmer

R. L. Robb
D. B. Fasnacht
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INTERIM REPORT
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT #1, #2 AND #3

I. Potential Problem

Specification 13-PM-209, Section 4.3.1.2, requires supports to be fabricated to ASME Section III, Subsection NF. ASME Section III, Subsection NF, Paragraph 4724 requires bolts tightened by means of a calibrated torque wrench shall be installed with a hardened washer under the nut or head, whichever is the element turned in tightening.

Bechtel Supplier Quality Representative noted during surveillance inspection activities that supplier, ITT Grinnell, Warren, Ohio, was not installing hardened washers under the bolt heads on sizes $\frac{1}{4}$, $\frac{1}{2}$, 1, 3 and 10 mechanical shock suppressors, (Figure 306, Pivot Mount, and Figure 307, Extension Assemblies). The washers installed were non-hardened carbon steel, except on sizes $\frac{1}{4}$ and $\frac{1}{2}$, Figures 306 and 307 shocks, the supplier had installed brass washers (Reference: Drawings Numbers BH-1263, Revision M and VH-1257, Revision G). Mechanical shock suppressors and extension assemblies affected by this deficiency have been received/installed at the jobsite.

II. Approach To and Status Of Proposed Resolution

ITT Grinnell is currently taking steps to resolve this condition by performing tests and analysis and is developing a plan to resolve this condition. See attached letter B/ITT-E-34525, dated May 29, 1981.

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

The evaluation, resolution and final report are forecast to be completed by December 15, 1981.

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NS DOC CENTER

Bechtel Power Corporation

Engineers - Constructors

12400 East Imperial Highway

Norwalk, California 90650

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B/ITT-E-34525

MOC 150751

May 29, 1981

ITT Grinnell Corporation
260 West Exchange Street
Providence, Rhode Island 02901

Attention: Mr. Robert Mulcahey

Subject: Arizona Nuclear Power Project
Bechtel Job 10407
P. O. 13-PM-209
Deficiency Evaluation Report 81-10
File: PM-209

Responsible Eng.	Action By
<i>[Signature]</i>	(Date) 6/1/81
<input type="checkbox"/> Review & Comment	<input type="checkbox"/> Info
<input type="checkbox"/> Follow	<input type="checkbox"/> Process

Reference: Quality Assurance Review - QSDR 81-1

Dear Mr. Mulcahey:

Per our telephone conversation on May 21, 1981, enclosed is the Palo Verde Deficiency Evaluation Report 81-10 which deals with ITT Grinnell's non-compliance to ASME III Subsection NF Para 4724. This paragraph requires that the bolts which are tightened by means of a calibrated torque wrench be installed with a hardened washer under the nut or head being tightened.

The Palo Verde Project has evaluated this condition as potentially reportable under the requirements of 10CFR Part 21 since the condition represents a deviation from the Code. Per our discussion, we understand that you are conducting tests and analyses of this condition and that a formal report may be available after June 5.

Please provide us, by June 5, of your schedule to issue your report and to resolve the noncompliance with the ASME Code requirement.

Very truly yours,

BECHTEL POWER CORPORATION

[Signature]
W. G. Bingham
Project Engineering Manager
Los Angeles Power Division

WGB:MVC:lw

Enclosure: Deficiency Evaluation Report 81-10 dated April 28, 1981
(1 page, 1 copy)

cc: E. E. Van Brunt, Jr., w/enclosure
P. Stanish, w/enclosure (ITT Grinnell)