Arizona Public Service Company
P.O. BOX 21666 • PHOENIX, ARIZONA 85036

May 23, 1984
ANPP-29584-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, Revision 1 - DER 83-83
A 50.55(e) Potentially Reportable Deficiency Relating to
Incorrect Sway Strut Supporting Class QlA Piping Was Installed
File: 84-019-026; D.4.33.2

Reference: A) Telephone Conversation between P. Gage and K. C. Parrish on December 2, 1983
B) ANPP-28540, dated January 4, 1984 (Interim Report)
C) ANPP-29247, dated April 6, 1984 (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 25, 1984.

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 August 24, 1984, at which time a complete report will be submitted.

Very truly yours,

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

EEVB/TRB:ru
Attachment

cc: See Page Two

IE-27

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

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INTERIM REPORT - DER 83-83
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 2

I. Potential Problem

Pipe support drawing 13-SI-193-H008 Rev. 5 and Specification 13-PM-204 Rev. 12 require the installation of an ITT Grinnel sway strut assembly size No. 7 for Item 61 of the drawing. During a field engineering inspection it was discovered that a Corner & Lada (C&L) sway strut size 7 was installed and accepted.

The required design load for the sway strut assembly is 85,895 lbs. The ITT Grinnell sway strut assembly size No. 7 has a Level D maximum load rating of 86,500 lbs., whereas the Corner & Lada sway strut size 7 has a Level D maximum load rating of 39,480 lbs.

II. Approach To And Status of Proposed Resolution

Nonconformance Report PC-7460 was dispositioned to replace the existing Corner & Lada size 7 sway strut assembly with an ITT Grinnel sway strut assembly size No. 7 as per design requirements.

For the same size designation, the Corner & Lada sway strut has a lower load capacity than the ITT Grinnel sway strut. To verify that other improper substitutions were not made, an inspection of the C&L sway struts installed in Unit 2 was made. The results of this inspection are given in Table I.

The inspection results show that less than 1% of the sway struts evaluated failed to meet the latest design load requirements.

A similar walkdown inspection will be made for the C&L sway strut assemblies in Units 1 and 3. After reviewing the findings of this inspection, a decision will be made as to any further investigation.

TABLE 1

	Description	Qty	Remarks
A.	Pipe supports having correct size C&L sway strut	262	
B.	Pipe supports with NCRs stating incorrect C&L sway strut installed	10	see note 1
C.	Pipe supports not inspected because scaffold was required	52	

NOTE 1: The following NCRs were initiated and dispositioned

NCR No.	Problem	Disposition
PA-7744*	Undersized Strut Installed	
PC-7823*	Undersized Strut Installed	Remove installed sway strut
PC-7826	Undersized Strut Installed	and replace with a sway
PC-7827*	Undersized Strut Installed	strut sized as per latest
PC-7841*	Undersized Strut Installed	design drawings
PC-7640	Undersized Strut Installed	
PC-7824	Oversized Strut Installed	Use-As-Is
PC-7825	Oversized Strut Installed	Use-As-Is
PT-7842	Oversized Strut Installed	Use-As-Is
PC-7843	Oversized Strut Installed	Use-As-Is

* Further investigation by Engineering revealed that the installed sway struts in these NCRs were still able to meet latest design load requirements, so no significant safety problem would exist if they had not been detected.

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 August 24, 1984.