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 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530
 AUTH.NAME AUTHOR AFFILIATION
 VAN BRUNT,E.E. Arizona Public Service Co.
 RECIP.NAME RECIPIENT AFFILIATION
 SPENCER,G.S. Region 5, San Francisco, Reactor Construction & Engineer

SUBJECT: Second interim deficiency rept re loose bushings on Corner &
 Lada sway struts. Investigation continuing. Resolution &
 completion plan will be implemented by 810201. Final rept
 will be submitted by 810331.

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THE UNITED STATES OF AMERICA
DO hereby certify that

the within and foregoing is a true and correct copy of the original as the same appears in the records of the

County of [] State of []

in testimony whereof, I have hereunto set my hand and the seal of said County, at [] this [] day of [] 19[]

Notary Public for said County and State

My Commission Expires []

Witness my hand and the seal of said County, at [] this [] day of [] 19[]

Notary Public for said County and State

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December 1, 1980
ANPP-16805-BSK/JAR

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

Attention: Mr. G. S. Spencer, Chief
Reactor Construction and
Engineering Support Branch

Subject: A 50.55(e) Potentially Reportable Deficiency Relating
to Loose Bushings on Corner & Lada Sway Struts
Interim Report
File: 80-019-026

Reference: (1) Telephone Conversation between R. Dodds and
B. S. Kaplan on August 28, 1980 (DER 80-23)
(2) Interim Report ANPP-16428-BSK/JAR, dated
September 24, 1980

Dear Sir:

The NRC was notified of a potentially reportable deficiency in the
referenced telephone conversation. Reference (2) transmitted an
Interim Report which estimated completion of the investigation on
November 21, 1980.

Due to the extensive investigation and evaluation required, a second
Interim Report is attached. It is now expected that this information
will be finalized by March 1, 1981, 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 Projects
ANPP Project Director

FEVBJr/BSK:skc

Attachment

B019

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8012100414

U. S. Nuclear Regulatory Commission
Attention: Mr. G. S. Spencer, Chief
ANPP-16805-BSK/JAR
November 24, 1980
Page 2

cc: Victor Stello, Jr., Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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INTERIM REPORT
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS #1, #2 AND #3

I. Potential Problem

After Bechtel's receipt of the Callaway/Wolf Creek 10CFR 50.55(e) report concerning Corner & Lada (C&L) Sway Struts, dated July 24, 1980, an inspection was initiated to review the Sizes 1, 2 and 3 sway struts delivered to the PVNGS jobsite. The following conditions have been identified as potential deficiencies:

1. Loose bushings in Size 2 and 3 sway struts at the pipe clamp end can result in the paddle becoming completely disengaged from the bushing, causing a 3/8" gap between paddle and pin.
2. Existence of a 3/8" gap between the paddle and pin during a seismic event, may result in piping and/or piping welds being overstressed due to movement of the piping system.

After receipt of Bechtel's Quality Assurance Bulletin 80-30 and Problem Alert TPM-P-80-6, October 13, 1980, concerning a generic industry-wide concern for these products and installations, this project has expanded the scope of this potential problem to include the installation of all C&L sway struts. Additional surveillance activity performed on November 5, 1980 revealed one C&L sway strut (2-SG-188-H-001) with bushings on both ends disengaging. The bushings were not staked.

II. Approach To and Status of Proposed Resolution

1. Bechtel Engineering will obtain a written statement from C&L as to the implemented effective date of a formal staking program.
2. Bechtel Construction will identify all struts which have been received prior to the formal staking by C&L.
3. C&L will develop and submit for Bechtel Engineering approval, an inspection and repair procedure.
4. Bechtel Construction and C&L will establish how the inspection and repair procedure will be implemented.

5. Defective sway struts will be repaired and/or replaced as established by the approved procedure.

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

It is forecast to have the resolution and completion plan implemented by February 1, 1981.

The final report will be submitted by March 1, 1981.

