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ARIZONA



PUBLIC SERVICE COMPANY

P. O. BOX 21666 · PHOENIX, ARIZONA 85036

January 18, 1982  
ANPP-19933-GHD/BSK

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

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

Subject: Interim Report - DER 81-47  
A 50.55(e) Potentially Reportable Deficiency Relating  
to Grout Patch Voids in Unit 1 Main Steam Support  
Structure Floor Slab  
File: 82-019-026  
D.4.33.2

Reference: Telephone Conversation between J. Eckhardt and J. Cook  
on December 17, 1981

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 additional time being required for evaluation, an Interim Report  
is attached. It is now expected that this information will be finalized  
by February 17, 1982, 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/GHD:skc

Attachment

cc: See Attached Page 2

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PDR ADOCK 05000528  
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U. S. Nuclear Regulatory Commission  
Attention: Mr. B. H. Faulkenberry, Chief  
ANPP-19933-GHD/BSK  
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Page 2

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 81-47  
POTENTIAL REPORTABLE DEFICIENCY  
ARIZONA PUBLIC SERVICE COMPANY (APS)  
PVNGS UNIT #1

I. Potential Problem

An existing grout patch in the bottom of the Elevation 100'-0" floor slab of the Main Steam Support Structure was found to be hollow and cracked. Four (4) exploratory holes were drilled and the patch material was found to be soft and not bonded. The grout patch was found to extend under an embed plate and under approximately one-half of an embedded unistrut. The 3'-6" concrete slab was placed on April 20, 1979 (Placement #1M003-U1). This area was apparently repaired with pneumatically placed grout soon after the forms were stripped on April 21, 1979. PVNGS DER 79-12 covers the past problems associated with pneumatically placed grout. Discovery of this particular defective grout patch is considered an isolated case since the corrective action taken in regard to DER 79-12 is considered effective.

II. Approach To and Status Of Proposed Resolution

The condition is being analyzed to determine whether there is enough embedment in sound concrete of the anchor bolts on the embed plate for the required load, and whether the surrounding concrete is sufficient for the reinforcing steel to resist the forces in the slab under all postulated loading. There is a single conduit attached to the embedded unistrut within the area of the grout patch.

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 February 17, 1982.