

Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85036

November 24, 1982

ANPP-22375-GHD/BSK

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1982 DEC -2 AM 11:09

REGION V IAE

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

Attention: Mr. D. M. Sternberg, Chief
Reactor Projects Branch 1

Subject: Interim Report - DER 82-63
A 50.55(e) Potentially Reportable Deficiency Relating to
Design Calculation Error In Refueling Water Tank
Seismic Response
File: 82-019-026
D.4.33.2

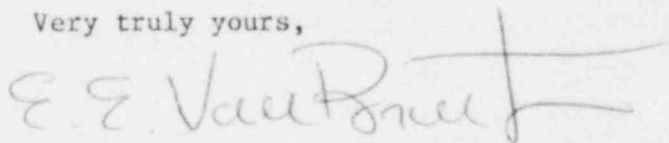
Reference: Telephone Conversation between A. D'Angelo and
G. Duckworth on October 26, 1982

Dear Sir:

The NRC was notified of a potential 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 February 10, 1983, at which time a complete report will be
submitted.

Very truly yours,



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

EEVBJr/GHD:db

Enclosure

cc: See Attached Page 2

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U. S. Nuclear Regulatory Commission
Attention: Mr. D. M. Sternberg, Chief
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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 82-63
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS 1, 2 and 3

I. POTENTIAL PROBLEM

The Refueling Water Tank (RWT) is designed to resist stresses resulting from operations, and extreme environmental/accident seismic forces. During a review of the RWT calculation package, an error was found in the determination of the tank wall moment at the junction of the basemat. The correction of this error in the calculation without a more detailed analysis would result in stresses in the inside face vertical rebar of the tank wall that exceed the Design Criteria allowable values for seismic event(s). Since the design of the Condensate Storage Tank (CST) was based on the analysis and design of the RWT, this error could also impact the CST.

II. APPROACH TO AND STATUS OF PROPOSED RESOLUTION

Bechtel Engineering is currently performing independent detailed analysis of both the CST and RWT design.

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 10, 1982.