

Arizona Public Service Company

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March 17, 1983

ANPP-23273-RQT/BSK

REGION V

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

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

Subject: Interim Report - DER 82-39  
A 50.55(e) Potentially Reportable Deficiency Relating to  
CE Valve Limit Switches (Class 1E) May Be Below Maximum LOCA  
Flood Level In Containment  
File: 83-019-026  
D.4.33.2

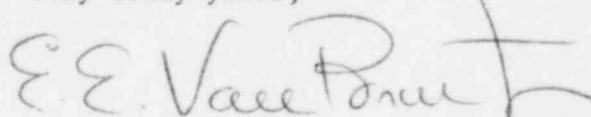
Reference: (A) Telephone Conversation between G. Hernandez and  
G. Duckworth on July 30, 1982  
(B) ANPP-21722, dated August 30, 1982 (Interim Report)  
(C) ANPP-22138, dated October 28, 1982 (Time Extension)  
(D) ANPP-22824, dated January 26, 1983 (Time Extension)

Dear Sir:

The NRC was notified of a potentially reportable deficiency in Reference (A), an Interim Report was transmitted by Reference (B), a Time Extension was requested by Reference (C), and a Time Extension was requested by Reference (D). At that time, it was estimated that a Final Report would be available by March 25, 1983.

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 May 17, 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

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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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March 17, 1983  
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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 82-39  
POTENTIAL REPORTABLE DEFICIENCY  
ARIZONA PUBLIC SERVICE COMPANY (APS)  
PVNGS UNIT 1

I. POTENTIAL PROBLEM

The following Class 1E Electrical Equipment were identified by APS as having been installed in Unit 1 at or below the maximum containment flood level (elevation 90'-6"):

	<u>Tag No. (Valve)</u>	<u>1E Equipment</u>	<u>Tag No.</u>
Item 1	SIA-UV-651	Limatorque - VMO	-
Item 2	CHA-UV-506	NAMCO Limit Switch	CHA-ZSH-506
Item 3	CHA-UV-506	NAMCO Limit Switch	CHA-ZSH-506
Item 4	SIA-UV-682	NAMCO Limit Switch	SIA-ZSH-682
Item 5	SIA-UV-682	NAMCO Limit Switch	SIA-ZSH-682

Per C-E Letter V-CE-16734, the following Post Flood Operability Requirements (DBE) apply to this equipment as noted:

- a. Valve Tag #SI-651 and VMO shall be operable for one (1) year post DBE.
- b. Valve Tag #CH-506 shall close on CIAS signal, operate up to thirty-six (36) hours post DBE or fail to required closed position.
- c. Valve Tag #SI-682 shall operate for thirty-six (36) hours post DBE or fail to required closed position.
- d. NAMCO Limit switches for valves CH-506 and SLI-682 are required to provide valve position indication for duration of post DBE period.

Further investigation has lead to the identification of additional Unit 1 Class 1E Equipment Components installed at or below the maximum containment flood level.

II. APPROACH TO AND STATUS OF PROPOSED RESOLUTION

The post-LOCA containment flood level calculation is currently under review for verification of the maximum containment flood level elevation of 90'-6". The Post Flood Operability Requirements for each identified component are likewise being verified.

Following verification of the above, each component currently identified to be installed at or below the maximum containment flood level will be addressed on a case by case basis. All EA-170 model limit switches inside the containment are to be replaced with EA-180 limit switches, which are identical to those utilized in the C-E qualification program, per C-E letter V-CE-17838. Alternatives currently under consideration for other components requiring action are relocation and qualification for submergence.

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 May 17, 1983.