

Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85036

November 4, 1982

ANPP-22203-GHD/BSK

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

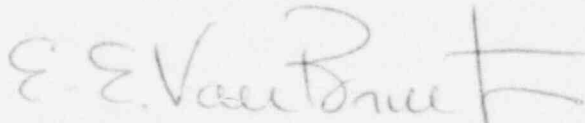
Subject: Final Report - DER 82-9
A 50.55(e) Report Relating to Thermowells in
Diesel Generator Lube Oil Systems by Cooper
Energy Were Not Procured to ASME Code
File: 82-019-026
D.4.33.2

Reference: (A) Telephone Conversation Between T. Bishop and
G. Duckworth on March 16, 1982
(B) ANPP-20715, dated April 16, 1982 (Interim Report)
(C) ANPP-21183, dated June 15, 1982 (Time Extension)
(D) ANPP-21834, dated September 15, 1982 (Time Extension)

Dear Sir:

Attached, is our final written report of the deficiency referenced
above, which has been determined to be Not Reportable under the
requirements of 10CFR50.55(e).

Very truly yours,



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

EEVBJr/GHD:db

Attachment

cc: See Attached Page 2

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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FINAL REPORT - DER 82-9

DEFICIENCY EVALUATION 50.55(e)

ARIZONA PUBLIC SERVICE COMPANY (APS)

PVNGS UNITS 1, 2 & 3

I. DESCRIPTION OF DEFICIENCY

Specification 13-MM-018 requires certain piping assemblies for the diesel generator system to be ASME Section III, Class 3. Contrary to this, stainless steel thermowells for RTD's and thermometers are not traceable to ASME Section III, Class 3 material and are installed in Class 3 piping.

II. ANALYSIS OF SAFETY IMPLICATIONS

The piping systems are low pressure (less than 100 psig) and low temperatures (less than 200F). The thermowells serve only as pressure retaining parts. Should this condition have remained undetected and/or unrepaired, it would not represent a safety significant condition as standard thermowells are rated in excess of 6,000 psig at 200F.

III. CORRECTIVE ACTION

Nonconformance Reports MG-1190, 1191, and 1192 (Units 1, 2 and 3 respectively) will be dispositioned to replace all the thermowells with thermowells traceable to the ASME Section III Code.