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February 16, 1983

ANPP-23024-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

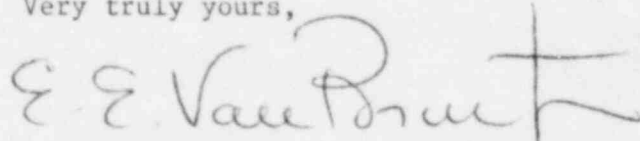
Subject: Final Report - DER 83-1
A 50.55(e) Reportable Deficiency Relating to
Diesel Generator Voltage Regulating System Transformers May
Not Perform As Specified At High Ambient Temperatures.
File: 83-019-026
D.4.33.2

Reference: (A) Telephone Conversation between A. D'Angelo and
G. Duckworth on January 18, 1983

Dear Sir:

Attached, is our final written report of the Reportable deficiency, under
10CFR50.55(e), referenced above.

Very truly yours,



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

EEVBJr/GHD:db

Enclosures

cc: See Attached Page 2

1827

U. S. Nuclear Regulatory Commission
Attention: Mr. D. M. Sternberg, Chief
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February 16, 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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FINAL REPORT - DER 83-1
DEFICIENCY EVALUATION 50.55(e)
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 1 & 2

I. DESCRIPTION OF DEFICIENCY

A 10CFR Part 21 report was issued by Parsons Peebles-Electric Products, Inc., pertaining to improper application of a Westinghouse Type ECT current transformer in the paralleling circuit of emergency diesel generator static exciter voltage regulator subsystems. These transformers were identified to exist in Palo Verde control panels by supplier on June 17, 1982, and Bechtel PVNGS Project was notified on June 18, 1982, via Telex No. 168761 (attached). Bechtel Problem Investigation Request LA-82-59 was subsequently filed requesting the condition to be reviewed.

II. ANALYSIS OF SAFETY IMPLICATIONS

This condition is evaluated as reportable. The subject transformers may not be capable of performing their safety related function due to temperature rating problems.

III. CORRECTIVE ACTION

Corrective action has been taken in the form of the issuance of Design Change Package 1SM-DG-016 for Unit 1 and Design Change Package 2CM-DG-016 for Unit 2. The Unit 3 equipment will be corrected by the supplier prior to delivery to the jobsite.

COOPER ENERGY SERVICES IN MOUNT VERNON OHIO
MV-20 6-17-82 JM

BILL BOLES - BECHTEL CORP.

REF: SC-0391 F.O. 10407-13-MM-018

THE FOLLOWING PER CES TED BLANK:

RESPONDING TO PILL BOLES/RON MILLER PHONE CONVERSATION OF 6/15/

1. MODIFICATIONS TO #1 VOLTAGE CUBICLE BY PARSONS PEEBLES, CONS:
OF THE FOLLOWING:

A. CHANGE OF THE PARALLELING CT DUE TO TEMPERATURE RATING PROBLEMS. REFER TO CT HARMAN'S OCTOBER 3, 1981 LETTER ATTACHED.

B. CHANGE OUT OR MODIFICATION OF RELAY CONTACTOR BRACKET FOR S.E.V.R. RELAYS "FIELD" AND "FIELD FLASH". THIS IS REQUIRED DUE TO FAILURES DURING SEISMIC TEST AS OUTLINED IN SDDR #53. EN-TRONICS IS EXPEDITING THESE MOUNTING KITS VIA PARSONS PEEBLES. I BELIEVE RICHARD DIVITO OF PARSONS PEEBLES HAS BEEN IN CONTACT WITH BILL BOLES.

2 BY AIR MAIL WE ARE SENDING TWO DETAIL DRAWINGS FOR SEPARATION
1 KETS REQUIRED FOR HIGH VOLTAGE SUBICLE. REQUIREMENTS ARE FOR
QUANTITY TWO OF G5-262-1009U#3 AND ONE OF G5-262-1009U#4
PER CURICLE. WE APOLOGIZE FOR NOT SENDING MORE PRINTS BUT ORI-
GINALS WERE JUST SENT OUT FOR MICROFILM AND WERE NOT IMMEDIATELY
OBTAINABLE.

DON WELFEE FOR

RAY MIFFLOE

CES

CC BY MAIL: BOB McBRIDE

168761
JOB 10402
FILE MM-018
JUN 18 '82

3	MR. BIRCHMAN	
2	MR. STEVENS	
7	MR. ALLEN	
	MR. ALVARADO	
	MR. ALLEY	
	MR. B. ACH	
	DECORD 1	
	DECORD 2	
	POE	
	PS	
	PL. W. W. COON	
	PA	BA
	WICK	
	C/S	
	CH. W. HOLS	
	ELIOT	
	WICK	
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	PL. W. W. COON	
	S. W. & S. W.	
	CLARK	
	PO. FILE	