

50.55(e) Report

Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85036

November 22, 1982
ANPP-22365-GHD/BSK

RECEIVED
NRC
1982 DEC -1 PM 12:15
REGION VISE

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

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

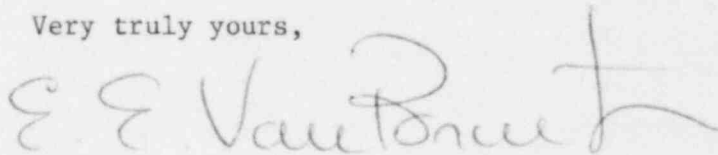
Subject: Final Report - DER 82-58
A 50.55(e) Potentially Reportable Condition Relating to
Diesel Generator High Voltage Cubicles and Foundations Have
Bolts On Three Sides, But Seismic Qualification Test Used
Bolts On Four Sides
File: 32-019-026
D.4.33.2

Reference: (A) Telephone Conversation between J. Eckhardt and
G. Duckworth on October 21, 1982

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
Enclosure
cc: See Attached Page 2

U. S. Nuclear Regulatory Commission
Attention: Mr. D. M. Sternberg, Chief
Page 2

November 22, 1982
ANPP-22365-GHD/BSK

cc: Richard DeYoung, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

T. G. Woods, Jr.
J. A. Roedel
D. B. Fasnacht
G. C. Andognini
A. C. Rogers
B. S. Kaplan
W. E. Ide
J. Vorees
J. A. Brand
A. C. Gehr
W. J. Stubblefield
W. G. Bingham
R. L. Patterson
R. W. Welcher
R. M. Grant
D. R. Hawkinson
L. E. Vorderbrueggen
G. A. Fiorelli
J. R. Bynum

Lynne Bernabei, Esq.
Harmon & Weiss
1725 "I" Street, NW
Washington, D. C. 20006

R. L. Greenfield
Assistant Attorney General
Bataan Memorial Building
Santa Fe, New Mexico 87503

FINAL REPORT - DER 82-58
DEFICIENCY EVALUATION 50.55(e)
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS 1, 2 & 3

I. DESCRIPTION OF DEFICIENCY

High Voltage Cubicles 1, 2, 3-J-DGAB-B03 supplied by Cooper Energy Services are seismic category I per specification 10407-13-MM-018. Vendor installation drawing MM-018-209 shows anchor bolt holes on three (3) sides of the cubicle. Cubicles were qualified by a shake test on one of the cubicles.

The Units 2 and 3 High Voltage Cubicles have anchor bolt holes on three (3) sides as per referenced drawing; however, the Unit 1 panels have anchor bolt holes on four (4) sides. Vendor confirmed in telecon, and confirmed in writing, that a Unit 1 cubicle was used for the qualification test using anchor bolt holes on four (4) sides. Units 1, 2 and 3 cubicle foundations were designed using the vendor drawing, which is not in agreement with the qualification mounting; therefore, the cubicles as installed are not seismically qualified.

This condition was inadvertently found during an engineering walkdown of the diesel generator installation, and subsequent telecon with supplier. The qualification documentation submitted to Bechtel did not specify the particular anchorage used for the shake test.

II. ANALYSIS OF SAFETY IMPLICATION

This condition is evaluated as reportable. The cubicles as installed are not seismically qualified and therefore may not be capable of performing their safety related function in the event of a Safe-Shutdown Earthquake.

III. CORRECTIVE ACTION

For Unit 1, Design Change Package LSM-DG-022 will be issued to provide an acceptable anchorage on four (4) sides. This correction will be developed first on Unit 2. For Unit 2, NCR MG-1112 and FCR will be used to implement a repair which provides the required anchorage. For Unit 3, Cooper will provide mounting holes for anchorage on four (4) sides. The Bechtel foundation design will be updated to accommodate this correction.

In addition to reportability under 10CFR50.55(e), PVNGS Project considers the deficiency to be reportable under the requirements of 10CFR Part 21 by the supplier. Deficiency Evaluation Report 82-58 addresses the reporting requirements specified under 10CFR 21.21.(b) (3) with the exception of sub-part (vi) which requires the number and location (customer and/or facilities) of other possible defective equipment. A copy of this DER has been sent to Cooper Energy requesting their review for reporting under 10CFR Part 21.