

ARIZONA



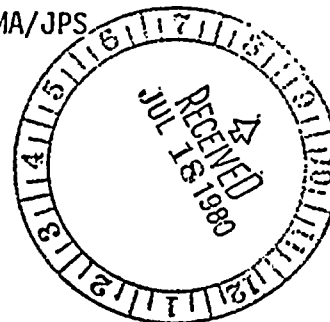
PUBLIC SERVICE COMPANY

P. O. BOX 21666 • PHOENIX, ARIZONA 85036

July 8, 1980

ANPP-15860 - JMA/JPS

Docket Nos. 50-528, 50-529, 50-530



Ad 2.

Mr. R. H. Engelken, Director
Nuclear Regulatory Commission
Region V
1990 N. California Boulevard
Suite 202 Walnut Creek Plaza
Walnut Creek, California 94596

Subject: NRC I&E Bulletin No. 80-08
dated April 7, 1980
File: 80-005-026

Dear Mr. Engelken:

The design and construction of PVNGS has been reviewed in regards to NRC I&E Bulletin No. 80-08, Examination of Containment Liner Penetration Welds.

Our response to the action items are as follows:

1. The PVNGS design incorporates butt welded sleeve connections for continuity of the containment boundary as described in the ASME Boiler and Pressure Vessel Code.
2. (a) Construction is in accordance with ASME Section III, Division 1, 1974 Edition through the Winter 1975 Addenda.
(b) The subject welds are classified by project documents as ASME Section III, Class 2, and are required to be radio-graphed and documented in accordance with Section III.
(c) The subject welds are butted joints with pipe size and material in accordance with the enclosure. Backing bars were utilized on only two of the 63 welds discussed under (d) below.

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- (d) A total of 63 joints have been welded, 19 of which required repair in accordance with ASME Section III. A total of 36 weld areas were repaired due to unacceptable indications which have been categorized as follows:

| <u>Type of Defect</u> | <u>Number of Repairs Where Defect Occurred</u> |
|------------------------|--|
| Incomplete Fusion | 16 |
| Porosity | 11 |
| Linear Indication | 8 |
| Incomplete Penetration | 6 |
| Root Concavity | 3 |
| Slag Inclusion | 1 |
| Tungsten Inclusion | 1 |

3. Not applicable.

If you have any questions, please contact us.

Very truly yours,

E. E. Van Brunt

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

EEVBJr/JPS/av

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