

ARIZONA



PUBLIC SERVICE COMPANY

P. O. BOX 21666 · PHOENIX, ARIZONA 85036

November 5, 1981

ANPP-19405-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. B. H. Faulkenberry, Chief
Reactor Construction and
Engineering Support Branch

Subject: Interim Report - DER 81-35
A 50.55(e) Potentially Reportable Deficiency Relating
to a Leak in Temporary Fire Protection Pipe Disturbing
Backfill in Proximity of Auxiliary and Control Buildings
File: 81-019-026
D.4.33.2

Reference: Telephone Conversation between Bob Deads and G. Duckworth
on October 7, 1981

Dear Sir:

The NRC was notified of a potentially reportable deficiency in the
referenced telephone conversation. At that time, it was estimated
that a determination of reportability would be made within thirty (30)
days.

Due to the extensive investigation and evaluation required, an Interim
Report is attached. It is now expected that this information will be
finalized by February 15, 1982, at which time a complete report will be
submitted.

Very truly yours,

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

EEVBjr/GHD:skc

Attachment

cc: See Page 2

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U. S. Nuclear Regulatory Commission
Attention: Mr. B. H. Faulkenberry, Chief
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cc: Victor Stello, Jr., Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Washington, D. C. 20555

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INTERIM REPORT - DER 81-35
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS 1 AND 2

I. Potential Problem

A 4" diameter steel pipe in the Temporary Fire Protection System had begun leaking significantly in the proximity of the Auxiliary and Control Buildings. This condition has been noted in both Units 1 and 2. An estimated two to three cubic yards of soil had washed into the space separating the Auxiliary and Control Buildings at Elevation 74'-0", indicating that the backfill in that area has been disturbed. The defective temporary fire lines have been abandoned.

II. Approach To and Status Of Proposed Resolution

A program has been initiated to systematically:

- o Determine the Location of the Pipe Leak
- o Determine the Extent of the Soil Disturbance
- o Establish and Complete a Procedure to Remedy the Problem in the Affected Area

The initial steps taken have been to proceed with entering the pipe with a device to locate the leak; evaluate the soil behind the cover plate at the seismic gap between the Auxiliary and Control Buildings; monitor the settlement observation data and after evaluation of the initial steps, establish the procedure for the corrective action to be taken.

III. Projected Completion of Corrective Action and Submittal of the Final Report

The Bechtel analysis, review, disposition and final report is forecast to be completed by February 15, 1982.