

INTERIM REPORT
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS #1 AND #2

I Potential Problem

Ruskin Vertical Fire Dampers have been modified in accordance with two (2) 10CFR Part 21 Reports applying two different design corrections (#6 screw and spring clip addition). However, dampers have failed cyclic testing for operability at the PVNGS site.

The present mode of failure appears to be lack of design tolerance on sheet metal sides wherein a minor distortion (bow) prevents full closure of the damper door, when the fuse link is separated.

II Approach To and Status of Proposed Resolution

Due to warpage and bowing of some Ruskin Fire Dampers, some of the assemblies failed to pass the functional test performed by Bechtel's HVAC subcontractor, The Waldinger Corporation. The definitive cause of this condition has not yet been determined and accepted by all parties concerned.

The Waldinger Corporation has issued Nonconformance Report No. 289, to identify and return to Ruskin the identified inoperative fire dampers. Bechtel has been notified by Waldinger that Ruskin Manufacturing Company is conducting tests and implementing design changes which would reduce or eliminate the warpage and bowing of the dampers from welding operations and/or shipping. The Waldinger Corporation and Ruskin Manufacturing Company are in the process of evaluating whether the existing installed dampers which previously passed the cycling test must be backfitted with this new modification to assure operability.

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

Sufficient information is expected to be available to issue a Final Report by September 15, 1980.



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