

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7908140430 DOC. DATE: 79/08/08 NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 CURTIS, N.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 GRIER, B.H. Region 1, Philadelphia, Office of the Director

SUBJECT: Amends 790628, 790522 & 790323 ltrs on deficiency rept re circle seal solenoid valves w/defective diodes. Determined not reportable.

DISTRIBUTION CODE: B019S COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: CONSTRUCTION DEFICIENCY REPORT (10CFR50.55E).

NOTES: SEND TVE 3 CYS FSAR & ALL AMDTS. L.A. 1CY EVERYTHING (APNL)

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AUG 15 1979

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August 8, 1979

REGULATORY DOCKET FILE COPY

Mr. Boyce H. Grier
Director, Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 17406

SUSQUEHANNA STEAM ELECTRIC STATION
UPDATE OF STATUS
CIRCLE SEAL SOLENOID VALVES WITH
DEFECTIVE DIODES
ERs 100450/100508 FILE 840-4
PLA-389

Dear Mr. Grier:

This supplements and amends PP&L's position as presented in PLA-376, dated June 28, 1979; PLA-361, dated May 22, 1979; and PLA-336, dated March 23, 1979. The referenced correspondence identified a deficiency which was considered to be reportable under the provisions of 10 CFR 50.55(e).

However, PP&L has analyzed Bechtel MCAR-1-31 which documented the deficiency and Bechtel's final evaluation of the Circle Seal valves and their impact on safety and, based upon the rationale and analysis of safety implications, concludes that the condition is not reportable under the provisions of 10 CFR 50.55(e).

We arrive at this conclusion because the present approved Susquehanna design does not provide for the use of Circle Seal Pilot Solenoid Valves in any location where the failure of the subject diodes on these valves could have caused or led to the disablement of a safety system necessary for safe operation or shut down of the plant.

PP&L and Bechtel shared a concern regarding the possibility that future system designs or modifications could have inadvertently resulted in the utilization of the suspect Circle Seal solenoid valves which were being held in inventory. Therefore, PP&L directed Bechtel to return all such valves, both Q and non-Q, to Circle Seal for replacement of the existing diodes with a higher quality diode manufactured by Semtech Corporation.

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Mr. Boyce H. Grier

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August 8, 1979

We review this action as conservative, with the expressed intent of avoiding any possibility of introducing valves with inadequate diodes into safety systems.

Very truly yours,



N. W. Curtis
Vice President-Engineering & Construction

ARS:mcb

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