REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8208300139 DOC.DATE: 82/08/25 NOTARIZED: NO DOCKET #
FACIL:50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva 05000387
AUTH.NAME AUTHOR AFFILIATION
CURTIS,N.W. Pennsylvania Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Provides interim position re containment purge sys isolation valves prior to exceeding 5% full power.Breakers will be closed & de-energized.Atmosphere to be maintained by qualified valves.Position meets NUREG-0737,Item II.E.4.2.

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AUG 25 1982

Mr. A. Schwencer, Chief
Licensing Branch No. 2
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
RESPONSE TO LICENSE CONDITION #5
ER 100450 FILE 841-2
PLA-1235 Docket No. 50-387

Dear Mr. Schwencer:

PP&L is required by license condition #5 to submit qualification information for containment purge system isolation valves prior to exceeding five percent of full power. In addition these valves must be blocked to a maximum opening of 50 degrees until the qualification information is approved. PP&L proposes to submit this information by October 30, 1982. Prior to this and during the period of NRC review, PP&L proposes the following interim position. PP&L will close and de-energize the breakers to all non-qualified valves except two which are the inboard purge line isolation valves (HV-15703 and HV-15713). Downstream of each of these valves is either a qualified valve or a closed non-qualified valve. Containment atmosphere control will be maintained using all qualified valves (HV-15705, HV-15711, SV-15736A, SV-15737, SV-15767, and SV-15776A). This configuration does not conform to a single active failure criterion because valves HV-15705 and HV-15711 are not in series with other qualified valves. However justification for interim operation can be based on the low probability of a LOCA in combination with the failure of one of these valves. In addition, the inboard purge isolation valves will continue to function normally and will receive a signal to close. PP&L believes this proposal meets the intent of item II.E.4.2 in NUREG-0737. This proposal will be implemented prior to exceeding five percent of full power. We request your concurrence on this matter.

Very truly yours,

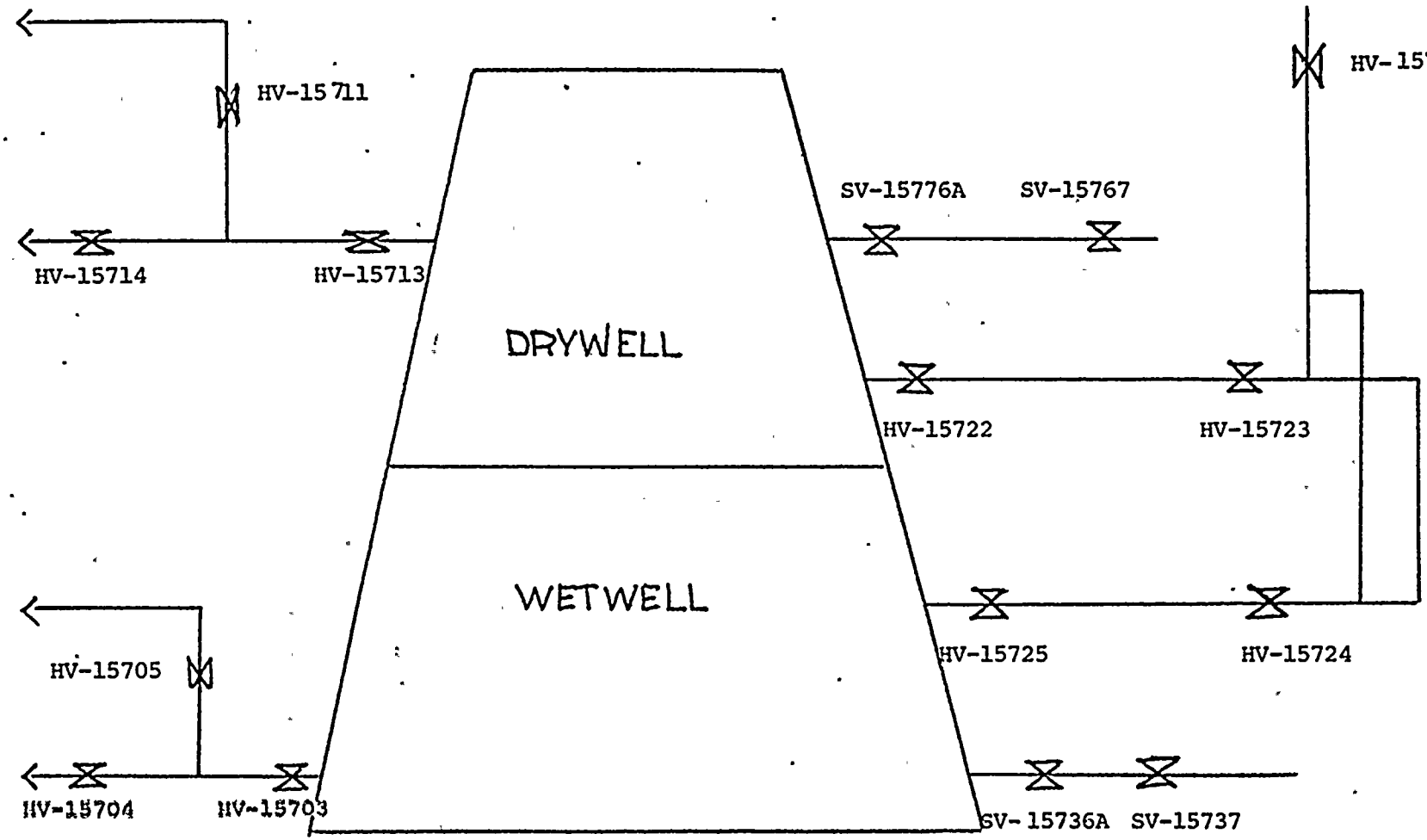
N. W. Curtis
Vice President-Engineering & Construction-Nuclear

B001

DPM/mks

Attachment

cc: R. L. Perch - NRC



SKETCH OF CONTAINMENT PURGE
AND VENT SYSTEM