



MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
ADV29A,B	VPV015-H-4KQ	3"	2
ADV33A,B,66A,B,	VPV015-H-4KQ	3"	11
ADV38A,B,75A,B,	VPV015-H-4KQ	3"	11
ADV39A,B,92A,B,	VPV015-H-4KQ	3"	11
ADV39A,B,42,275,	VPV015-H-4KQ	3"	11
ADV39	VPV015-H-4KQ	3"	11
ADV34A,B	VPV015-H-4KQ	3"	2
V66,151,339,348,	VCS068-E-4	3/4"	16
V994,276,413,414,	VCS068-E-4	3/4"	16
V556,599,688,689,	VCS068-E-4	3/4"	16
V692,693,229,222	VCS068-E-4	3/4"	16
V149,118	VCS068-D-4	3/4"	2
V241,244,246,334,	VPV015-H-4	3"	25
V338,345,351,354,	VPV015-H-4	3"	25
V356,388,391,397,	VPV015-H-4	3"	25
V399,492,495,498,	VPV015-H-4	3"	25
V416,419,428,431,	VPV015-H-4	3"	25
V422,423,479	VPV015-H-4	3"	25
V242,336,358,358	VPV015-H-4	3/4"	11
V392,483,484,411,	VPV015-H-4	3/4"	11
V418,444,447,597,	VPV015-H-4	3/4"	11
V741,878,874,877,	VPV015-H-4	3/4"	11
V878	VPV015-H-4	3/4"	11
V245,246,353,357,	VCS068-J-4	3"	8
V395,398,418,415,	VCS068-J-4	3"	8
V248,337,346,347,	VPV015-HA-4K	3"	12
V389,393,481,487,	VPV015-HA-4K	3"	12
V489,495,515,518	VPV015-HA-4K	3"	12
V341,342	VPV015-LA-4R	3"	2
V344,488,485,424	VPV015-H-4	1-1/2"	4
V368,387	VPV015-LA-4R	4"	2
V395	VCS068-J-4	1"	1
V495,511	VPV015-HA-4K	3"	2
V515,517	VPV015-B-4R	3"	2
V578	VCS068-J-4	3/4"	1
V772,773,778,779	VPS015-H-4	1"	4

- NOTES:
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2-LVS-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
  2. ALL PIPING TO BE CLASS 153 UNLESS OTHERWISE NOTED.
  3. ALL FLOW, VENT AND DRAIN CONNECTIONS ARE 3/4", UNLESS OTHERWISE NOTED.
  4. ALL INSTRUMENT CONNECTIONS TO BE 2" UNLESS OTHERWISE NOTED.
  5. FOR RADWASTE COMPUTER I/O SEE LOOP 2-LVS-129.
  6. INSTRUMENT FLUSHING CONNECTION.
  7. TEMPORARY STRAINER TO BE INVERTED AND BASKET REMOVED AFTER LINE CLEANING.
  8. INDICATES DISSIMILAR METAL WELD.
  9. HEAT TRACING OF CAUSTIC LINES TO MAINTAIN 78°F MIN.
  10. TEMPORARY STRAINERS TO BE REPLACED BY PIPE SPOOL AFTER LINE CLEANING.
  11. "S" DENOTES "LOCATE AS CLOSE AS POSSIBLE."
  12. LOCATE V341 & 424 AS CLOSE AS POSSIBLE TO TANKS.
  13. VALVES V344 & 424 SHALL BE LOCKED IN THE THROTTLED POSITION.
  14. TUBING FROM SEAL WATER RADWASTE SYSTEM PID-48M.
  15. NO FIELD SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.

SI APERTURE CARD

07-141-91  
QA CAT II

PIPING & INSTRUMENTATION DIAGRAM  
RADIOACTIVE LIQUID  
WASTE SYSTEM  
NINE MILE POINT NUCLEAR STATION-UNIT 2  
NIAGARA MOHAWK POWER CORPORATION  
STONE & WEBSTER ENGINEERING CORPORATION  
CHERRY HILL, N.J.

REV	DESCRIPTION	DATE	BY	CHECKED	ISSUED FOR	ISSUE	DESCRIPTION	DATE	BY	CHECKED	ISSUED FOR	ISSUE	DESCRIPTION	DATE	BY	CHECKED	ISSUED FOR	ISSUE	DESCRIPTION
6	REF. ECH NO. LVS-652																		
5	INCORPORATES ECH NO'S. LVS-644, 642, 187, 188																		
4	INCORPORATES ECH NO. 248058																		
3	INCORPORATES ECH NO LVS-679																		
2	ISSUED FOR COMPUTER DATA BASE UPDATE ONLY																		
1	ISSUE																		

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