



NAME NUMBER	VALUE DESCRIPTION	SIZE	VAL. VAL. (1)
NOV40	V08050-0-2K0	8"	1
NOV41	V08050-0-2K0	8"	1
NOV42	V08050-0-2K0	8"	1
NOV43	V08050-0-2K0	8"	1
NOV44	V08050-0-2K0	8"	1
NOV45	V08050-0-2K0	8"	1
NOV46	V08050-0-2K0	8"	1
NOV47	V08050-0-2K0	8"	1
NOV48	V08050-0-2K0	8"	1
NOV49	V08050-0-2K0	8"	1
NOV50	V08050-0-2K0	8"	1
NOV51	V08050-0-2K0	8"	1
NOV52	V08050-0-2K0	8"	1
NOV53	V08050-0-2K0	8"	1
NOV54	V08050-0-2K0	8"	1
NOV55	V08050-0-2K0	8"	1
NOV56	V08050-0-2K0	8"	1
NOV57	V08050-0-2K0	8"	1
NOV58	V08050-0-2K0	8"	1
NOV59	V08050-0-2K0	8"	1
NOV60	V08050-0-2K0	8"	1
NOV61	V08050-0-2K0	8"	1
NOV62	V08050-0-2K0	8"	1
NOV63	V08050-0-2K0	8"	1
NOV64	V08050-0-2K0	8"	1
NOV65	V08050-0-2K0	8"	1
NOV66	V08050-0-2K0	8"	1
NOV67	V08050-0-2K0	8"	1
NOV68	V08050-0-2K0	8"	1
NOV69	V08050-0-2K0	8"	1
NOV70	V08050-0-2K0	8"	1
NOV71	V08050-0-2K0	8"	1
NOV72	V08050-0-2K0	8"	1
NOV73	V08050-0-2K0	8"	1
NOV74	V08050-0-2K0	8"	1
NOV75	V08050-0-2K0	8"	1
NOV76	V08050-0-2K0	8"	1
NOV77	V08050-0-2K0	8"	1
NOV78	V08050-0-2K0	8"	1
NOV79	V08050-0-2K0	8"	1
NOV80	V08050-0-2K0	8"	1
NOV81	V08050-0-2K0	8"	1
NOV82	V08050-0-2K0	8"	1
NOV83	V08050-0-2K0	8"	1
NOV84	V08050-0-2K0	8"	1
NOV85	V08050-0-2K0	8"	1
NOV86	V08050-0-2K0	8"	1
NOV87	V08050-0-2K0	8"	1
NOV88	V08050-0-2K0	8"	1
NOV89	V08050-0-2K0	8"	1
NOV90	V08050-0-2K0	8"	1
NOV91	V08050-0-2K0	8"	1
NOV92	V08050-0-2K0	8"	1
NOV93	V08050-0-2K0	8"	1
NOV94	V08050-0-2K0	8"	1
NOV95	V08050-0-2K0	8"	1
NOV96	V08050-0-2K0	8"	1
NOV97	V08050-0-2K0	8"	1
NOV98	V08050-0-2K0	8"	1
NOV99	V08050-0-2K0	8"	1
NOV100	V08050-0-2K0	8"	1

- NOTES:
- ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2RHS" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) SHALL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE PART OF NUCLEAR SAFETY FEATURES SYSTEM.
 - BE IDENTIFICATION NUMBERS ARE SHOWN IN SQUARES (TO BE PREFIXED BY EIZ UNLESS OTHERWISE PREFIXED).
 - ALL INSTRUMENT, TEST, DRAIN AND VENT CONNECTIONS ARE 3/4" EXCEPT AS NOTED.
 - LINE 1" AND SMALLER WHICH ARE PART OF REACTOR COOLANT PRESSURE BOUNDARY SHALL BE SAFETY CLASS 2.
 - INDICATES DISSIPABLE METAL RELD.
 - VALVE POSITIONS ARE SHOWN FOR NORMAL OPERATION OF THE PLANT. THE SYSTEM IS ON STANDBY, READY TO START RHM LPOI MODE OF OPERATION.
 - ALL INSTRUMENT LINES INSIDE THE DRYWELL ARE CLASS B16 AND OUTSIDE THE DRYWELL ARE 500 UNLESS OTHERWISE NOTED.
 - 2RHSRFL32 IS A TWO PIECE TYPE SPECTACLE FLANGE. THE BLANK INSERT PIECE SHALL NOT BE INSTALLED AND MAY BE DISCARDED. THE FULL BORE INSERT PIECE SHALL BE PERMANENTLY INSTALLED.
 - DURING PERIODIC SURVEILLANCE TESTING MODE 2 OF PROCESS DATA SHEET, THE ORIFICE PLATES FOR 2RHSROSA AND B MUST BE REPLACED WITH TEMPORARY ORIFICE PLATES 2RHSROSA AND B TO PREVENT PUMP RUNOUT. TEMPORARY PLATES 2RHSROSA AND B ARE IDENTICAL. EITHER IF THESE MAY BE INSERTED INTO 2RHSROSA-A AS REQUIRED FOR TESTING PURPOSES. 2RHSROSA AND B MUST BE REINSTALLED UPON COMPLETION OF TESTING.
 - INDICATES EQUIPMENT SUPPLIED BY GE-NEO.
 - INDICATES MINIMUM DISTANCE FOR INSTALLATION.
 - LINE FROM RELIEF VALVES TO SLOPE DOWNWARD CONTINUOUSLY TO SUPPRESSION POOL 1/4" PER FT. MINIMUM.

SI APERTURE CARD

07-141-9L
NUCLEAR SAFETY RELATED
QA CAT I,II

PIPING & INSTRUMENTATION DIAGRAM
RESIDUAL HEAT REMOVAL
SYSTEM
NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION

NO.	DESCRIPTION	DATE	BY	CHKD.	APP'D.	REVISION	DESCRIPTION
1	INCORPORATES EDC NO. RNS-825						
2	ISSUED FOR COMPUTER DATA BASE						
3	AS-TESTED ISSUE INCORPORATES EDC NO. RNS-826						
4	INCORPORATES EDC NO. RNS-827						
5	INCORPORATES EDC NO. RNS-828						
6	INCORPORATES EDC NO. RNS-829						
7	INCORPORATES EDC NO. RNS-830						
8	INCORPORATES EDC NO. RNS-831						
9	INCORPORATES EDC NO. RNS-832						
10	INCORPORATES EDC NO. RNS-833						
11	INCORPORATES EDC NO. RNS-834						
12	INCORPORATES EDC NO. RNS-835						
13	INCORPORATES EDC NO. RNS-836						
14	INCORPORATES EDC NO. RNS-837						
15	INCORPORATES EDC NO. RNS-838						
16	INCORPORATES EDC NO. RNS-839						
17	INCORPORATES EDC NO. RNS-840						
18	INCORPORATES EDC NO. RNS-841						
19	INCORPORATES EDC NO. RNS-842						
20	INCORPORATES EDC NO. RNS-843						
21	INCORPORATES EDC NO. RNS-844						
22	INCORPORATES EDC NO. RNS-845						
23	INCORPORATES EDC NO. RNS-846						
24	INCORPORATES EDC NO. RNS-847						
25	INCORPORATES EDC NO. RNS-848						
26	INCORPORATES EDC NO. RNS-849						
27	INCORPORATES EDC NO. RNS-850						
28	INCORPORATES EDC NO. RNS-851						
29	INCORPORATES EDC NO. RNS-852						
30	INCORPORATES EDC NO. RNS-853						
31	INCORPORATES EDC NO. RNS-854						
32	INCORPORATES EDC NO. RNS-855						
33	INCORPORATES EDC NO. RNS-856						
34	INCORPORATES EDC NO. RNS-857						
35	INCORPORATES EDC NO. RNS-858						
36	INCORPORATES EDC NO. RNS-859						
37	INCORPORATES EDC NO. RNS-860						
38	INCORPORATES EDC NO. RNS-861						
39	INCORPORATES EDC NO. RNS-862						
40	INCORPORATES EDC NO. RNS-863						
41	INCORPORATES EDC NO. RNS-864						
42	INCORPORATES EDC NO. RNS-865						
43	INCORPORATES EDC NO. RNS-866						
44	INCORPORATES EDC NO. RNS-867						
45	INCORPORATES EDC NO. RNS-868						
46	INCORPORATES EDC NO. RNS-869						
47	INCORPORATES EDC NO. RNS-870						
48	INCORPORATES EDC NO. RNS-871						
49	INCORPORATES EDC NO. RNS-872						
50	INCORPORATES EDC NO. RNS-873						
51	INCORPORATES EDC NO. RNS-874						
52	INCORPORATES EDC NO. RNS-875						
53	INCORPORATES EDC NO. RNS-876						
54	INCORPORATES EDC NO. RNS-877						
55	INCORPORATES EDC NO. RNS-878						
56	INCORPORATES EDC NO. RNS-879						
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59	INCORPORATES EDC NO. RNS-882						
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65	INCORPORATES EDC NO. RNS-888						
66	INCORPORATES EDC NO. RNS-889						
67	INCORPORATES EDC NO. RNS-890						
68	INCORPORATES EDC NO. RNS-891						
69	INCORPORATES EDC NO. RNS-892						
70	INCORPORATES EDC NO. RNS-893						
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72	INCORPORATES EDC NO. RNS-895						
73	INCORPORATES EDC NO. RNS-896						
74	INCORPORATES EDC NO. RNS-897						
75	INCORPORATES EDC NO. RNS-898						
76	INCORPORATES EDC NO. RNS-899						
77	INCORPORATES EDC NO. RNS-900						
78	INCORPORATES EDC NO. RNS-901						
79	INCORPORATES EDC NO. RNS-902						
80	INCORPORATES EDC NO. RNS-903						
81	INCORPORATES EDC NO. RNS-904						
82	INCORPORATES EDC NO. RNS-905						
83	INCORPORATES EDC NO. RNS-906						
84	INCORPORATES EDC NO. RNS-907						
85	INCORPORATES EDC NO. RNS-908						
86	INCORPORATES EDC NO. RNS-909						
87	INCORPORATES EDC NO. RNS-910						
88	INCORPORATES EDC NO. RNS-911						
89	INCORPORATES EDC NO. RNS-912						
90	INCORPORATES EDC NO. RNS-913						
91	INCORPORATES EDC NO. RNS-914						
92	INCORPORATES EDC NO. RNS-915						
93	INCORPORATES EDC NO. RNS-916						
94	INCORPORATES EDC NO. RNS-917						
95	INCORPORATES EDC NO. RNS-918						
96	INCORPORATES EDC NO. RNS-919						
97	INCORPORATES EDC NO. RNS-920						
98	INCORPORATES EDC NO. RNS-921						
99	INCORPORATES EDC NO. RNS-922						
100	INCORPORATES EDC NO. RNS-923						
101	INCORPORATES EDC NO. RNS-924						
102	INCORPORATES EDC NO. RNS-925						
103	INCORPORATES EDC NO. RNS-926						
104	INCORPORATES EDC NO. RNS-927						
105	INCORPORATES EDC NO. RNS-928						
106	INCORPORATES EDC NO. RNS-929						
107	INCORPORATES EDC NO. RNS-930						
108	INCORPORATES EDC NO. RNS-931						
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112	INCORPORATES EDC NO. RNS-935						
113	INCORPORATES EDC NO. RNS-936						
114	INCORPORATES EDC NO. RNS-937						
115	INCORPORATES EDC NO. RNS-938						
116	INCORPORATES EDC NO. RNS-939						
117	INCORPORATES EDC NO. RNS-940						
118	INCORPORATES EDC NO. RNS-941						
119	INCORPORATES EDC NO. RNS-942						
120	INCORPORATES EDC NO. RNS-943						
121	INCORPORATES EDC NO. RNS-944						
122	INCORPORATES EDC NO. RNS-945						
123	INCORPORATES EDC NO. RNS-946						
124	INCORPORATES EDC NO. RNS-947						
125	INCORPORATES EDC NO. RNS-948						
126	INCORPORATES EDC NO. RNS-949						
127	INCORPORATES EDC NO. RNS-950						
128	INCORPORATES EDC NO. RNS-951						
129	INCORPORATES EDC NO. RNS-952						
130	INCORPORATES EDC NO. RNS-953						
131	INCORPORATES EDC NO. RNS-954						
132	INCORPORATES EDC NO. RNS-955						
133	INCORPORATES EDC NO. RNS-956						
1							