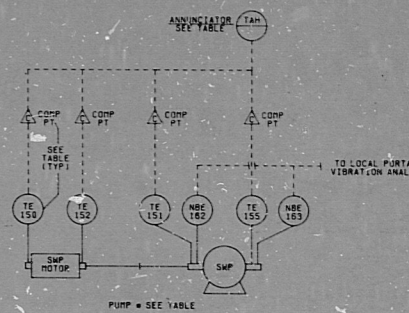
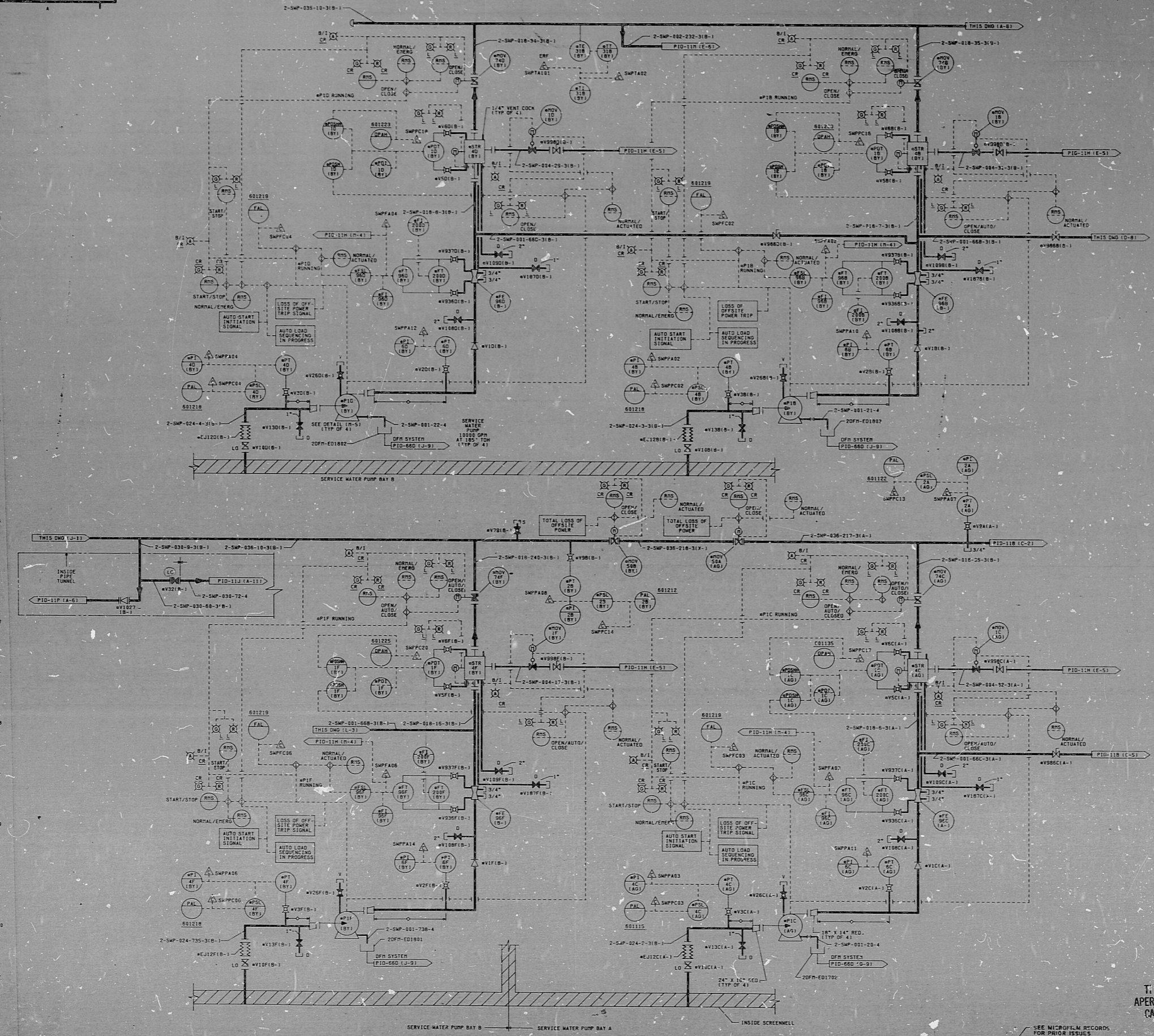


12177-PID-11A-7

ITEM NUMBER	DESCRIPTION	SIZE	QTY.
V5815-C-3	VALVE	2"	4
V5816-C-3	VALVE	2"	4
V5817-C-3	VALVE	2"	4
V5818-C-3	VALVE	2"	4
V5819-C-3	VALVE	2"	4
V5820-C-3	VALVE	2"	4
V5821-C-3	VALVE	2"	4
V5822-C-3	VALVE	2"	4
V5823-C-3	VALVE	2"	4
V5824-C-3	VALVE	2"	4
V5825-C-3	VALVE	2"	4
V5826-C-3	VALVE	2"	4
V5827-C-3	VALVE	2"	4
V5828-C-3	VALVE	2"	4
V5829-C-3	VALVE	2"	4
V5830-C-3	VALVE	2"	4
V5831-C-3	VALVE	2"	4
V5832-C-3	VALVE	2"	4
V5833-C-3	VALVE	2"	4
V5834-C-3	VALVE	2"	4
V5835-C-3	VALVE	2"	4
V5836-C-3	VALVE	2"	4
V5837-C-3	VALVE	2"	4
V5838-C-3	VALVE	2"	4
V5839-C-3	VALVE	2"	4
V5840-C-3	VALVE	2"	4
V5841-C-3	VALVE	2"	4
V5842-C-3	VALVE	2"	4
V5843-C-3	VALVE	2"	4
V5844-C-3	VALVE	2"	4
V5845-C-3	VALVE	2"	4
V5846-C-3	VALVE	2"	4
V5847-C-3	VALVE	2"	4
V5848-C-3	VALVE	2"	4
V5849-C-3	VALVE	2"	4
V5850-C-3	VALVE	2"	4
V5851-C-3	VALVE	2"	4
V5852-C-3	VALVE	2"	4
V5853-C-3	VALVE	2"	4
V5854-C-3	VALVE	2"	4
V5855-C-3	VALVE	2"	4
V5856-C-3	VALVE	2"	4
V5857-C-3	VALVE	2"	4
V5858-C-3	VALVE	2"	4
V5859-C-3	VALVE	2"	4
V5860-C-3	VALVE	2"	4
V5861-C-3	VALVE	2"	4
V5862-C-3	VALVE	2"	4
V5863-C-3	VALVE	2"	4
V5864-C-3	VALVE	2"	4
V5865-C-3	VALVE	2"	4
V5866-C-3	VALVE	2"	4
V5867-C-3	VALVE	2"	4
V5868-C-3	VALVE	2"	4
V5869-C-3	VALVE	2"	4
V5870-C-3	VALVE	2"	4
V5871-C-3	VALVE	2"	4
V5872-C-3	VALVE	2"	4
V5873-C-3	VALVE	2"	4
V5874-C-3	VALVE	2"	4
V5875-C-3	VALVE	2"	4
V5876-C-3	VALVE	2"	4
V5877-C-3	VALVE	2"	4
V5878-C-3	VALVE	2"	4
V5879-C-3	VALVE	2"	4
V5880-C-3	VALVE	2"	4
V5881-C-3	VALVE	2"	4
V5882-C-3	VALVE	2"	4
V5883-C-3	VALVE	2"	4
V5884-C-3	VALVE	2"	4
V5885-C-3	VALVE	2"	4
V5886-C-3	VALVE	2"	4
V5887-C-3	VALVE	2"	4
V5888-C-3	VALVE	2"	4
V5889-C-3	VALVE	2"	4
V5890-C-3	VALVE	2"	4
V5891-C-3	VALVE	2"	4
V5892-C-3	VALVE	2"	4
V5893-C-3	VALVE	2"	4
V5894-C-3	VALVE	2"	4
V5895-C-3	VALVE	2"	4
V5896-C-3	VALVE	2"	4
V5897-C-3	VALVE	2"	4
V5898-C-3	VALVE	2"	4
V5899-C-3	VALVE	2"	4
V5900-C-3	VALVE	2"	4
V5901-C-3	VALVE	2"	4
V5902-C-3	VALVE	2"	4
V5903-C-3	VALVE	2"	4
V5904-C-3	VALVE	2"	4
V5905-C-3	VALVE	2"	4
V5906-C-3	VALVE	2"	4
V5907-C-3	VALVE	2"	4
V5908-C-3	VALVE	2"	4
V5909-C-3	VALVE	2"	4
V5910-C-3	VALVE	2"	4
V5911-C-3	VALVE	2"	4
V5912-C-3	VALVE	2"	4
V5913-C-3	VALVE	2"	4
V5914-C-3	VALVE	2"	4
V5915-C-3	VALVE	2"	4
V5916-C-3	VALVE	2"	4
V5917-C-3	VALVE	2"	4
V5918-C-3	VALVE	2"	4
V5919-C-3	VALVE	2"	4
V5920-C-3	VALVE	2"	4
V5921-C-3	VALVE	2"	4
V5922-C-3	VALVE	2"	4
V5923-C-3	VALVE	2"	4
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V5926-C-3	VALVE	2"	4
V5927-C-3	VALVE	2"	4
V5928-C-3	VALVE	2"	4
V5929-C-3	VALVE	2"	4
V5930-C-3	VALVE	2"	4
V5931-C-3	VALVE	2"	4
V5932-C-3	VALVE	2"	4
V5933-C-3	VALVE	2"	4
V5934-C-3	VALVE	2"	4
V5935-C-3	VALVE	2"	4
V5936-C-3	VALVE	2"	4
V5937-C-3	VALVE	2"	4
V5938-C-3	VALVE	2"	4
V5939-C-3	VALVE	2"	4
V5940-C-3	VALVE	2"	4



INSTRUMENT ARRANGEMENT

DEVICE	SPRING WATER PUMP
TE 150	TE 150R
TE 151	TE 151R
TE 152	TE 152R
TE 153	TE 153R
TE 154	TE 154R
TE 155	TE 155R
TE 156	TE 156R
TE 157	TE 157R
TE 158	TE 158R
TE 159	TE 159R
TE 160	TE 160R
TE 161	TE 161R
TE 162	TE 162R
TE 163	TE 163R
TE 164	TE 164R
TE 165	TE 165R
TE 166	TE 166R
TE 167	TE 167R
TE 168	TE 168R
TE 169	TE 169R
TE 170	TE 170R

- NOTES:
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PROVIDED WITH COMPANY EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT ON INSTRUMENTS WHICH ARE PART OF NUCLEAR SAFETY FEATURES SYSTEM.
 2. ALL PRESSURE, DRAIN VENT AND SAMPLE CONNECTIONS ARE 3/4" UNLESS OTHERWISE NOTED.
 3. ALL TEMPERATURE CONNECTIONS ARE 1/2" 3/4" SOCKET WELD UNLESS OTHERWISE NOTED.
 4. ALL PIPING SHALL BE CLASS 151 UNLESS OTHERWISE NOTED.
 5. PUMP DESIGN AND DISCHARGE LANES ARE RATED AT 100 LBS.
 6. * - DENOTES MINIMUM DISTANCE FOR INSTALLATION.

DOCUMENT USER:
CONSULT DOCS TO
OBTAIN LATEST
APPLICABLE DOCUMENT
INFORMATION.

RECEIVED
10 12 1987
APR 28 1987
ETAC & WELDER
END CORP
CORROSION

NUCLEAR SAFETY RELATED
QA CAT 1.11

PIPING & INSTRUMENTATION DIAGRAM
SERVICE WATER
SYSTEM
NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION
CHERRY HILL, N.Y.

REVISION	DATE	BY	CHKD	DESCRIPTION
1				ISSUE FOR CONSTRUCTION
2				REVISION TO ADD INSTRUMENTATION
3				REVISION TO ADD INSTRUMENTATION
4				REVISION TO ADD INSTRUMENTATION
5				REVISION TO ADD INSTRUMENTATION
6				REVISION TO ADD INSTRUMENTATION
7				REVISION TO ADD INSTRUMENTATION
8				REVISION TO ADD INSTRUMENTATION
9				REVISION TO ADD INSTRUMENTATION
10				REVISION TO ADD INSTRUMENTATION
11				REVISION TO ADD INSTRUMENTATION
12				REVISION TO ADD INSTRUMENTATION
13				REVISION TO ADD INSTRUMENTATION
14				REVISION TO ADD INSTRUMENTATION
15				REVISION TO ADD INSTRUMENTATION
16				REVISION TO ADD INSTRUMENTATION
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28				REVISION TO ADD INSTRUMENTATION
29				REVISION TO ADD INSTRUMENTATION
30				REVISION TO ADD INSTRUMENTATION
31				REVISION TO ADD INSTRUMENTATION

NO.	DESCRIPTION	DATE	BY	CHKD
1	ISSUE FOR CONSTRUCTION			
2	REVISION TO ADD INSTRUMENTATION			
3	REVISION TO ADD INSTRUMENTATION			
4	REVISION TO ADD INSTRUMENTATION			
5	REVISION TO ADD INSTRUMENTATION			
6	REVISION TO ADD INSTRUMENTATION			
7	REVISION TO ADD INSTRUMENTATION			
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30	REVISION TO ADD INSTRUMENTATION			
31	REVISION TO ADD INSTRUMENTATION			

SEE MICROFILM RECORDS
FOR PRIOR ISSUES

12177-PID-11A-7

PDR RIDS

8709170400

