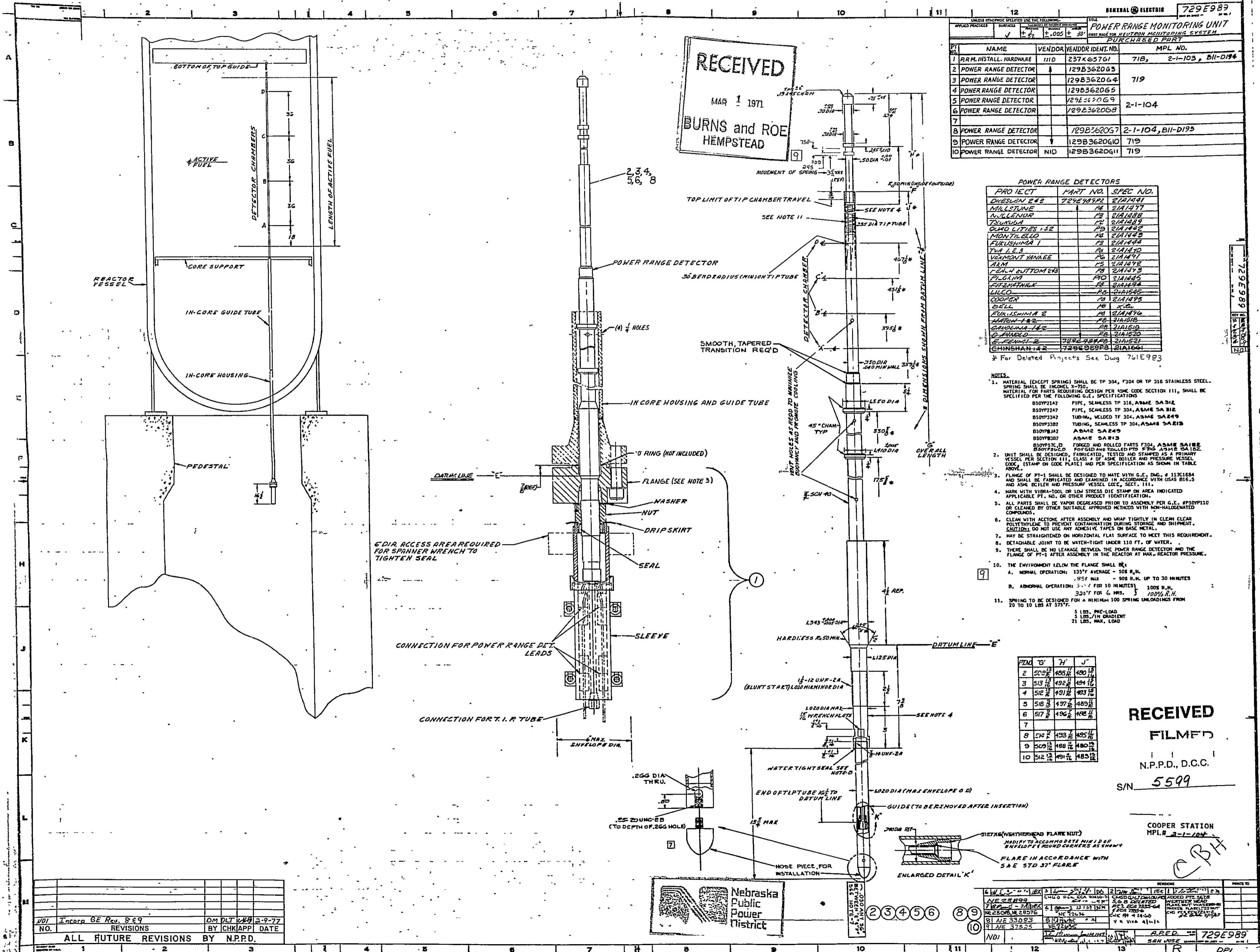


PT NO.	NAME	VENDOR	VENDOR IDENT. NO.	MPL NO.
1	P.R.M. INSTALL. HARDWARE	1110	237K657G1	719, 2-1-103, BII-D194
2	POWER RANGE DETECTOR		129B3620G3	
3	POWER RANGE DETECTOR		129B3620G4	719
4	POWER RANGE DETECTOR		129B3620G5	
5	POWER RANGE DETECTOR		129B3620G9	2-1-104
6	POWER RANGE DETECTOR		129B3620G8	
8	POWER RANGE DETECTOR		129B3620G7	2-1-104, BII-D193
9	POWER RANGE DETECTOR		129B3620G10	719
10	POWER RANGE DETECTOR	NID	129B3620G11	719

PROJECT	PART NO.	SPEC NO.
DIXON 243	729E989P2	21A1491
MILLERINE	PA	21A1497
MULLENDOR	PA	21A1488
TELEWISA	PA	21A1489
QUAD CITIES 132	PA	21A1492
MONTHLELO	PA	21A1493
FUKUSHIMA 1	PA	21A1494
TVA 1-E-3	PA	21A1490
VERMONT YANKEE	PA	21A1491
ARM	PA	21A1492
GEN. 4 BUTTOM 2/B	PA	21A1493
PL. GAIN	PA	21A1494
ELIZABETH	PA	21A1495
WILCO	PA	21A1496
COOPER	PA	21A1497
BELL	PA	21A1498
FUKUSHIMA 2	PA	21A1499
WORTHEN 1-2	PA	21A1500
SAWYER 1-2	PA	21A1501
D. FRENCH 2	729E989P2	21A1502
E. FRENCH 2	729E989P3	21A1503
CHINSHAN 1-2	729E989P4	21A1504

- NOTES:
- MATERIAL (EXCEPT SPRING) SHALL BE TP 304, F304 OR TP 316 STAINLESS STEEL. SPRING SHALL BE INCONEL X-750. MATERIAL FOR PARTS REQUIRING DESIGN PER ASME CODE SECTION III, SHALL BE SPECIFIED PER THE FOLLOWING G.E. SPECIFICATIONS:
 B50Y2142 PIPE, SEAMLESS TP 316, ASME SA 312
 B50Y2247 PIPE, SEAMLESS TP 304, ASME SA 312
 B50Y2342 TUBING, WELDED TP 304, ASME SA 249
 B50Y2382 TUBING, SEAMLESS TP 304, ASME SA 312
 B50Y2442 ASME SA 249
 B50Y2837 ASME SA 213
 B50Y2520 FORGED AND ROLLED PARTS F304, ASME SA 182
 B50Y2520 FORGED AND ROLLED PARTS F316, ASME SA 182
 - UNIT SHALL BE DESIGNED, FABRICATED, TESTED AND STAMPED AS A PRIMARY VESSEL PER SECTION III, CLASS 1 OF ASME BOILER AND PRESSURE VESSEL CODE. (STAMP ON CODE PLATE) AND PER SPECIFICATION AS SHOWN IN TABLE ABOVE.
 - FLANGE OF PT-1 SHALL BE DESIGNED TO MATE WITH G.E. DWG. # 117C1684 AND SHALL BE FABRICATED AND EXAMINED IN ACCORDANCE WITH USAS B16.5 AND ASME BOILER AND PRESSURE VESSEL CODE, SECTION III.
 - MARK WITH VIBRA-TOOL OR LOW STRESS DIE STAMP ON AREA INDICATED APPLICABLE PT. NO. OR OTHER PRODUCT IDENTIFICATION.
 - ALL PARTS SHALL BE VAPOR DEGREASED PRIOR TO ASSEMBLY PER G.E. #P50Y110 OR CLEANED BY OTHER SUITABLE APPROVED METHODS WITH NON-HALOGENATED COMPOUNDS.
 - CLEAN WITH ACETONE AFTER ASSEMBLY AND WRAP TIGHTLY IN CLEAN CLEAR POLYETHYLENE TO PREVENT CONTAMINATION DURING STORAGE AND SHIPMENT. SADDLES DO NOT USE ANY ADHESIVE TAPES ON BASIC METAL.
 - MAY BE STRAIGHTENED ON HORIZONTAL FLAT SURFACE TO MEET THIS REQUIREMENT.
 - DETACHABLE JOINT TO BE WATER-TIGHT UNDER 110 FT. OF WATER.
 - THERE SHALL BE NO LEAKAGE BETWEEN THE POWER RANGE DETECTOR AND THE FLANGE OF PT-1 AFTER ASSEMBLY IN THE REACTOR AT MAX. REACTOR PRESSURE.
 - THE ENVIRONMENT BELOW THE FLANGE SHALL BE:
 A. NORMAL OPERATION: 135°F AVERAGE - 508 R.H.
 185°F MAX - 90% R.H. UP TO 30 MINUTES
 B. ABNORMAL OPERATION: 300°F FOR 10 MINUTES } 100% R.H.
 320°F FOR 6 HRS. } 100% R.H.
 - SPRING TO BE DESIGNED FOR A MINIMUM 100 SPRING UNLOADINGS FROM 20 TO 10 LBS AT 575°F.
 5 LBS. PRE-LOAD
 5 LBS./IN GRAVITY
 21 LBS. MAX. LOAD

RECEIVED
 MAR 1 1971
 BURNS and ROE
 HEMPSTEAD



PT NO.	SIZE	QTY	UNIT
2	5/8 x 1/2	1	FLANGE
3	5/8 x 1/2	1	FLANGE
4	5/8 x 1/2	1	FLANGE
5	5/8 x 1/2	1	FLANGE
6	5/8 x 1/2	1	FLANGE
7	5/8 x 1/2	1	FLANGE
8	5/8 x 1/2	1	FLANGE
9	5/8 x 1/2	1	FLANGE
10	5/8 x 1/2	1	FLANGE

RECEIVED
 FILMED
 N.P.P.D., D.C.C.
 S/N 5599

COOPER STATION
 MPL # 2-1-104



NO.	REVISIONS	BY	DATE
101	Incorp GE Rev. 8E9	DM DLT	2-9-77
ALL FUTURE REVISIONS BY N.P.P.D.			

NO.	REVISIONS	DATE
6	REVISED TO ACCOMMODATE MINIMUM ENVELOPE ROUNDCORNER AS SHOWN	1/25/77
7	REVISED TO ACCOMMODATE MINIMUM ENVELOPE ROUNDCORNER AS SHOWN	1/25/77
8	REVISED TO ACCOMMODATE MINIMUM ENVELOPE ROUNDCORNER AS SHOWN	1/25/77
9	REVISED TO ACCOMMODATE MINIMUM ENVELOPE ROUNDCORNER AS SHOWN	1/25/77
10	REVISED TO ACCOMMODATE MINIMUM ENVELOPE ROUNDCORNER AS SHOWN	1/25/77