



SYSTEM - SF

NO	REFERENCE DWG'S	BECHTEL SHEET NO
1	PROCESS RADIATION MONITORS (6.1) (6.2) (6.3) (6.4) (6.5) (6.6) (6.7) (6.8) (6.9) (7.0) (7.1) (7.2) (7.3) (7.4) (7.5) (7.6) (7.7) (7.8) (7.9) (8.0) (8.1) (8.2) (8.3) (8.4) (8.5) (8.6) (8.7) (8.8) (8.9) (9.0) (9.1) (9.2) (9.3) (9.4) (9.5) (9.6) (9.7) (9.8) (9.9) (10.0) (10.1) (10.2) (10.3) (10.4) (10.5) (10.6) (10.7) (10.8) (10.9) (11.0) (11.1) (11.2) (11.3) (11.4) (11.5) (11.6) (11.7) (11.8) (11.9) (12.0) (12.1) (12.2) (12.3) (12.4) (12.5) (12.6) (12.7) (12.8) (12.9) (13.0) (13.1) (13.2) (13.3) (13.4) (13.5) (13.6) (13.7) (13.8) (13.9) (14.0) (14.1) (14.2) (14.3) (14.4) (14.5) (14.6) (14.7) (14.8) (14.9) (15.0) (15.1) (15.2) (15.3) (15.4) (15.5) (15.6) (15.7) (15.8) (15.9) (16.0) (16.1) (16.2) (16.3) (16.4) (16.5) (16.6) (16.7) (16.8) (16.9) (17.0) (17.1) (17.2) (17.3) (17.4) (17.5) (17.6) (17.7) (17.8) (17.9) (18.0) (18.1) (18.2) (18.3) (18.4) (18.5) (18.6) (18.7) (18.8) (18.9) (19.0) (19.1) (19.2) (19.3) (19.4) (19.5) (19.6) (19.7) (19.8) (19.9) (20.0) (20.1) (20.2) (20.3) (20.4) 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NOTES:

- THIS DRAWING ALSO CONTAINS PORTIONS OF THE FOLLOWING SYSTEMS:
 - SAFETY & SHUTDOWN SYSTEMS CONTROL SYSTEMS
 - REACTOR PROTECTION SYSTEMS
 - REACTOR CONTROL SYSTEMS
 - REACTOR MONITORING SYSTEMS
 - REACTOR BUILDING EXHAUST SYSTEMS
 - REFUELING FLOOR EXHAUST SYSTEMS
 - CONTROL ROOM VENTILATION SYSTEMS
 - DRYWELL ATMOSPHERE POST ACCIDENT (LOCA) SYSTEMS
 - MAIN STEAM LINE RADIATION MONITOR SYSTEMS
 - SACS-RMS LOOP A SYSTEMS
 - SACS-RMS LOOP B SYSTEMS
- THE DETECTOR HEADS SHALL BE LOCATED WITHIN THE STEAM LINE TRENDS AS CLOSE AS PRACTICAL TO THE TRENDS CONTAINING THE DETECTOR. THE DETECTOR SHALL BE LOCATED WITHIN ALL STEAM LINES WITH APPROXIMATELY THE SAME SPACING. THE DETECTOR HEADS SHALL BE PARTIALLY TO A HEAD AND THE HEAD END SHALL BE PLACED FROM OUTSIDE THE STEAM TUNNEL. CABLES ARE TO BE ROUTED TO PERMIT HEAT EXPOSURE. CABLE LENGTHS ARE TO BE LIMITED TO THE MINIMUM LENGTHS AND TO BE PLACED IN A PORTABLE CALIBRATION ASSEMBLY.
- DELETED.
- DELETED.
- OTHER RMS ARE LOCATED AS FOLLOWS:
 - REFUELING FLOOR EXHAUST RMS: SEE DWG. M-26-1581
 - CONTROL ROOM VENTILATION RMS: SEE DWG. M-26-1582
 - DRYWELL ATMOSPHERE POST ACCIDENT (LOCA) RMS: SEE DWG. M-26-1583
 - MAIN STEAM LINE RADIATION MONITOR SYSTEM: SEE DWG. M-41-1
 - SACS-RMS LOOP A: SEE DWG. M-26-1584
 - SACS-RMS LOOP B: SEE DWG. M-26-1585
 - REACTOR BUILDING EXHAUST RMS: SEE DWG. M-26-1586
- DELETED.
- THE NEAREST COMMUNICATIONS LOOP INCLUDES ALL LOCAL RADIOGRAPHY PROCESSORS, RADIOGRAPHY PROCESSORS, AND RADIOGRAPHY PROCESSORS.
- ISOLATION SERVICE, RADIOGRAPHY PROCESSORS, AND RADIOGRAPHY PROCESSORS.
- ONLY THE PRESSURE MONITOR OF THE SACS-RMS IS QUALIFIED INTERNALLY (Q).

PRC APERTURE CARD

NO.	DATE	DESCRIPTION	BY
1	10/15/78	ISSUED FOR CONSTRUCTION	...
2	11/15/78	ISSUED FOR CONSTRUCTION	...
3	12/15/78	ISSUED FOR CONSTRUCTION	...

BECHTEL
SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

P & ID
RADIOLOGICAL MONITORING SYSTEMS (RMS)

JOB NO. 10865 DRAWING NO. M-26-1581-1 OF 2

RIDS

8307250789

