USER RESPONSIBLE FOR VERIFYING REVISION, STATUS AND CHANGES
DWG M-43-1 001 27 PRINTED 20041212

M-43-1 (Q) - 27

SYSTEM BB

REF. NO.	REFERENCE DRAWINGS	BECHTEL	GE
1	NEUTRON MONITORING SYS. IED	N1-C51-1010-13	729E615A
2	RESIDUAL HEAT REMOVAL FCD	N1-E-11-1030-20	729E630AC
3	NUCLEAR BOILER FCD	N1-B-21-1030-21	761E557
4	RECIRC. PUMP M-G SET ED	N1-B31-1030-24	762E188
5	LOGIC DIAG. REACTOR RECIRC. SYSTEM	J-43-0	——
6	LOGIC DIAG. EX FL. CK. VALVE	J-104-3	——

CONTINUED BELOW (E-1)

CONTINUED ABOVE (H-1)

REF. NO.	REFERENCE DRAWINGS	BECHTEL	GE
7	NSSS SYS. ED	N1-B21-1090-62	791E481AC
8	POWER RANGE NEUTRON MON. SYS. ED	N1-C51-1090-25	791E411AC
9	NUCLEAR BOILER PROCESS INSTM. ED	N1-B21-1040-65	791E482AC

NOTES:

1. THE GE MPL NUMBER FOR THIS SYSTEM IS B31.
2. DELETED
3. THIS BLOCK IS PART OF THE NEUTRON MONITORING SYSTEM FLOW UNIT. EACH UNIT IS GROUPED FOR ISOLATION AND SEPARATION WITHIN THE PANEL AS INDICATED. SEE REF. 8.
4. EXCESS FLOW CHECK VALVE STATUS LIGHTS AND RESET SWITCHES ARE LOCATED ON REMOTE CONTROL PANELS AS NOTED. ALARMS AND COMPUTER READOUTS FOR ABNORMAL CONDITIONS WILL BE MONITORED FROM THE CONTROL ROOM. SEE REF. 6.
5. PIPE WALL THICKNESS SCHEDULE IS XXS.
6. FOR THE SYSTEM SHOWN IN LOOP "A" THAT IS TYPICAL OF LOOP "B", CONSULT TABLES ON SH. 2.
7. MO VALVE BB-HV-F031B CLOSES ON TRANSFER TO RSP.
8. THIS P&ID CONTAINS SYSTEMS OR PORTIONS OF SYSTEMS:
   - BF - CONTROL ROD DRIVE HYDRAULIC SUPPLY
   - BC - RESIDUAL HEAT REMOVAL
   - BG - REACTOR WATER CLEAN-UP
   - BB - NUCLEAR BOILER & RECIRCULATION
   - SS - VIBRATION MONITORING

NOTE "B" - REV. 26
ADDED: VALVES V284, V285, CAPPED CONN., ASSOCIATED 1"PIPING, LINE CLASS CCA, CCD, O-FLAG AND VENT IC-7), REVISED TIE-IN FOR SEAL PURGE LINE (B-8).
REVISION SUPERSEDES & INCORPORATES DCR 4EC-3458, MD NO. M1/0 PKG. NO.1

ADDED: VALVES V286, V287, CAPPED CONN., ASSOCIATED 1"PIPING, LINE CLASS CCA, CCD, O-FLAG AND VENT 1A.8-7).
REVISION SUPERSEDES & INCORPORATES DCR 4EC-3458, MD NO. M1/0 PKG. NO. 2

ADDED: OFF-PAGE CONN. TO DWG. M-53-1, SHT.1. REVISED 1"-HBD-184 TO 1"-HBD-240 IC-4.5). ALSO ADDED WELDED CONN. TO 1"-HBD-184 (B-7).
REVISION SUPERSEDES & INCORPORATES DCR 4EC-3458, CO NO. M592/0 PKG. NO. 3

NOTE A REV. 27
REVISED PER
80059839, AD NO. M1/0 &
80059640, AD NO. M1/0

ATTENTION: ANY REVISION TO THIS DRAWING SHALL BE MADE ONLY BY CAED						
27	5-7-03	SEE NOTE "A" ZONE B-1	GLM	TG		EEG
26	03-25-98	SEE NOTE "B" ZONE C-1	GLM	RFG		GPY
NO	DATE	DESCRIPTION	DWN	CKD	EXD	APD

REVISION

HOPE CREEK GENERATING STATION
REACTOR RECIRCULATION SYSTEM

P & I D — MECH./CONT.

PSEG NUCLEAR, L.L.C.

DRAWN E. GRABOWSKI CHECKED S. P. DEBAUN SCALE NONE
DATE 9-29-87 EXAMINED J. J. PANTAZESJTS

FORMERLY BECHTEL POWER CORPORATION
DRAWING M-43 -1 SH.1 REV. 18

M-43-1 (Q) - 27

SH. 1 OF 2

M-43-1

D02