

UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

AUG 6 1979

NOTE TO:

William Parler

FROM:

Richard Hartfield

SUBJECT:

REQUEST FOR NPRDS FAILURE DATA ON B&W PLANTS

Attached is a printout of all the failure data from B&W Plants that has been reported to the Nuclear Plant Reliability Data System (NPRDS). I have made some summary calculations and comments to help you in your review.

- The headings are pretty much self-explanatory. The middle date is the failure event start (including time of day). The component and system codes are basically the same we use in the LER system. The sequence number is just an accounting control number. The description is generally three short paragraphs; failure description, cause of failure, and finally, corrective action.
- 2. Engineering data on the components is available, but I did not think it worthwhile to obtain at this time.
- 3. The fourth line just to the right and below event dates, in recent years, indicates who else was informed of this failure. Z means nobody and H indicates an LER was submitted to the NRC.
- 4. It seems to me that many of the "failures" reported are pretty routine maintenance items, like leaking packing, etc. This is not too surprising since the utility maintenance group is often responsible for NPRDS, rather than the Operations Group.
- 5. The facility codes are:

APLANO 1 - Arkansas 1

DPCNEE - Oconee

FPCCRP - Crystal River

MECTMI 1 - TMI 1

SMURSS 1 - Rancho Seco

- 6. There are no reports for Davis-Besse or TMI-2.
- 7. B&W failures account for about 5% of the total 5000 failures in the NPRDS data while they have about 10% of the plants.

8. A review of the plant by plant, year by year summaries show wide variations which indicate to me that the data cannot be trusted as more than a very qualitative thing. A review of LER caused by component failure for these same time periods indicates a minimum of reporting to NPRDS.

If anything, NPRDS should have more failures than LER because failure reporting should be broader in NPRDS.

Richard Hartfield

PLANT .	YEAR	NPRDS FAILURE REPORTS	LER COMPONENT FAILURE
Arkansas 1	1974	1	
	1975	2	5
	1976	26	13
	1977	2	13
	1978		13
Crystal River	1977	35	59
	1978	32	35
Oconee 1	1973	12	
	1974	16	
	1975	16	7
	1976	5	. 11
	1977	26	21
	1978	8	12
Oconee 2	1974	8	
	1975	17	17
	1976	16	9 ?
	1977	29	- 11
	1978	13	7
Oconee 3	1974	5	
	1975	18	10
	1976	24	10
	1977	19	7
	1978	9	15
TMI 1	1974	7	
	1975	5	23
	1976	0	19
	1977	1	5
	1978	0	7

Rancho Seco	1975	3	7
nancho seco	1976	3	12
	1977	6	8
	1978	5	6
Davis-Besse	1977		38
	1978		52

ACILITY	EVENT/REPT DATES C	OMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
APLANO1	741228 7412281230 741230		RBV-77B 751 0090	PINHOLE LEAK ON VALVE WELD AREA
				INSTALLATION/CONSTRUCTION DEFECT WELD WAS GROUND OUT AND REWELDED
APLANO1	750329 7503292000 750331			VALVE TORQUES OUT WHEN TRYIN& TO 0& 3
				E.D MOTOR AND TORQUE SWITCH REPLACED PARTS AND RE-ADJUSTED LIMITS
APLAN01	7512032000		CV3807 784C0041	POSITION INDICATOR INCORRECT
7512	731223 Z			LIMIT SWITCH SETTING DRIFT
				ADJUST SWITCH AND TIGHTEN CLUTCH ASSEMBLY
APLANO1	760115 7601151200 760318			VENT HEADER ISOLATION VALVE WOULD NOT OPEN
	Z			VALVE STEM TO SHORT, TOP 1.5 THREADS ARE STRIPPED. VALVE WILL OPEN WITH ASSISTANCE.
				NEW VALVE STEM ON ORDER

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
APLAN01	760223 7602231200 760318 Z		PM-4C 784C0016	SERVICE WATER PUMP EXCESSIVE MOTOR VIBRATION, INCREASING MOTOR TEMPERATURE
				CLE NED WINDINGS, REPLACED LOWER BEARING, RE-ASSEMBLED, MEGGERED.
APLAN01	7603030800 760414		PM-4C 784C0017	EXCESSIVE SERVICE WATER PUMP MOTOR VIBRATION. MOTOR DID NOT COMPLETELY FAIL.
	Z			APPROXIMATELY 15 MILS LATERAL PLAY IN BEARING AT LOWER END BELL
				REPLACED LOWER BEARING
APLAN01	7604291400 760525		CV-6203 784C0032	VALVE DID NOT PASS RX BLDG PENETRATION LOCAL LEAK RATE TEST.
	Z			NORMAL WEAR
				LAPPED IN SEATS AND DISK, REPLACED BONNET GASKET.
APLANO1	760512 7605121000 760526			ES SIGNAL DID NOT BLOCK HAND SWITCH OPERATION OF REACTOR BUILDING COOLING FAN.
	Z			DEFECTIVE HANDSWITCH.
112 7 2 .				

REPLACED HANDSWITCH.

FACILITY	EVENT/REPT DATES C		EQUIPMENT# SEQUENCE#	DESCRIPTION
APLANO1	760613 7606130830 761130	INSTRU SFE	LT-2419 784C0011	CORE FLOOD LEVEL INDICATION GIVES FALSE READINGS
	2			BAD VENT VALVES AND BELLOWS
				REPLACE VENT VALVES AND BELLOWS IN LEVEL TRANSMITTER
APLAN01	760924		VSF-30A 784C0005	HYDROGEN PURGE INLET FAN TRIPPED DURING H2 PURGE LEAD SYSTEM TEST
	760803 H			THERMAL OVERLOAD SET TOO LOW IN ABNORMALLY HOT ENVIRONMENT.
				THERMAL OVERLOAD SETTING WAS INCREASED AND VENTILATION DAMPERS WERE ADJUSTED TO DECREASE ROOM TEMPERATURE.
APLAN01	7607170250 760809	VALVOP SAB	CV-4400 784C0035	RB SUMP TO AUXILIARY SUMP DRAIN ESAS VALVE POSITION INDICATION INCORRECT.
	Z			NORMAL WEAR, SET POINT DRIFT
				ADJUSTED LIMIT SWITCHES
APLAN01	760807 7608070050 760924	PUMPXX CBD	P32B 784C0020	REACTOR COOLANT PUMP SEAL NOT STAGING CORRECTLY.
	Z			SEAL FAILURE DUE TO DEBRIS
				REMOVED AND REPLACED WITH REBUILT SEAL ASSEMBLY.

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
APLAN01	760807 7608070050 760924 Z	PUMPXX CBD	P32C 784C0022	REACTOR COOLANT PUMP SEAL NOT STAGING PROPERLY.
				UNKNOWN
				REMOVED SEAL AND REPLACED WITH REBUILT ASSEMBLY.
APLAN01	7608080800 760902		PSV-2695 784C0034	MAIN STEAM HEADER RELIEF VALVE LEAKING BY.
	Z			BROKEN LOWER RING RETAINING PIN.
				REPLACED BROKEN RETAINING PIN, LAPPED SEATING SURFACES, CHECKED SPINDLE STRAIGHT NESS AND REASSEMBLED.
APLAN01	760810 7608100800 760924 760823 H		HS-10 784C0025	HYDRAULIC SHOCH SUPPRESSOR FLUID RESERVOIR LEVEL FOUND LOW. PZR RELEIF LIHE
	760823 H			LEAKING SEALS AND O-RINGS.
				REPLACED SEALS AND O-RINGS, TIGHTENED FITTINGS.
APLAN01	760924	SUPORT	HS-12 784C0026	HYDRAULIC SHOCK SUPPRESSOR FLUID RESERVOIR LEVEL FOUND LOW. PZR RELEIF LINE
	760823 H			LEAKING SEALS AND O-RINGS
				REPLACED SEALS AND O-RINGS, TIGHTENED FITTINGS.

EVENT/REPT EQUIPMENT#

ACILITY	DATES C	OMP/SYS	SEQUENCE#	DESCRIPTION
APLANO1	760810 7608100800 760924 760823 H	SUPORT	HS-3 784C0029	HYDRAULIC SHOCK SUPPRESSOR FLUID RESERVOIR FOUND LOW. MAIN STEAM HEADER LEAKING SEALS AND O-RINGS.
				TIGHTENED FITTINGS, REPLACED SEALS AND O-RINGS
APLAN01	760811 7608110800 760917	SUPORT CBF	HS-13 784C0027	PIPE HANGER BRACKET LOOSE
	Z			MISSING BOLT
				PUT IN NEW BOLT TO HOLD BRACKET.
APLANO1	7608110800			PIPE HANGER RESERVOIR BRACKET LOOSE
760917	760917 Z			MISSING BOLT.
				PUT IN NEW BOLT ON BRACKET.
APLAN01	760816 7608162308 760915	VALVOP	CV1008 784C0039	PZR SPRAY VALVE POSITION INDICATION NOT CORRECT.
	Z			SET POINT DRIFT
				READJUSTED LIMITS.

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION	
APLAN01	760903 7609032250 770415	the second second	P32A 784C0019	REACTOR COOLANT PUMP SEAL WAS NOT STAGING PROPERLY AND SEAL CAVITY PRESSURES WERE OSCILLATING ABNORMALLY	
				UNKNOWN	
				REMOVED DAMAGED SEAL CARTRIDGE FROM PUMP AND REPLACED WITH REBUILT SEAL CARTRIDGE	
APLANO1	760903 7609031659 770415 Z		P32B 784C0021	REACTOR COOLANT PUMP SEAL WAS NOT STAGING PROPERLY AND CHARTS INDICATED THAT THE LOWER SEAL HAD COMPLETELY FAILED PUTTING FULL PRESSURE ON THE ONE REMAINING SEAL UNKNOWN	
				REMOVED DAMAGED SEAL CARTRIDGE FROM PUMP AND REPLACED WITH REBUILT SEAL CARTRIDGE	
APLAN01	7609070800 760924		PM32D 784C0018	RC PUMP MOTOR LUBE OIL LEAK.	
	Z			LOOSE FITTINGS.	
				TIGHTENED FITTINGS.	
APLANO1	760910 7609040730 760924	VALVOP CBD	CV1055 784C0040	REACTOR COOLANT QUENCH TANK VENT HEADER VALVE OVERCURRENT TRIP	
	Z			CONTACTS NOT MAKING UP PROPERLY.	
				CLEANED CONTACTS, REPLACED SPRINGS IN CONTACTOR, TIGHTENED ALL LOOSE WIRES, CHECKED FOR VALVE BINDING, CHECK VALVE OPERATION.	

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
APLANO1	7609262230 761021	PCB	PDT-1238 784C0012	RCS MAKE-UP FLOW TRANSMITTER VENT LEAKING.
	Z			LEAKING VENT VALVE.
				REPLACED VENT VALVE
APLAN01	761027		CV-6202 784C0036	CHILLED WATER E.S. ISOLATION VALVE WOULD NOT REMAIN SHUT ON E.S. SIGNAL, BUT WOULD ON LOSS OF AIR.
	761029 H			RUPTURED FILTER ON DISCHARGE OF INSTRUMENT AIR DEVER. AIR LINES FULL OF DESICCANT.
				SOLENOIDS, TRANSFER RELAY, AND AIR LINES BLOWN FREE OF DESICCANT.
	7611030655 770228		TE1015 784C0014	FALSE READINGS WERE OBSERVED
	Z			ABNORMAL SERVICE CONDITION
				CHANGED OUT TEMPERATURE ELEMENT AND BRIDGES AND CALIBRATED
APLAN01	7611030655 770228	INSTRU CBD	TE1039 784C0015	FALSE READINGS WERE OBSERVED
	Z			ABNORMAL SERVICE CONDITION
				REPLACED RTD AND BRIDGES AND CHECKED CALIBRATION OF BRIDGES

FACILITY	DATES	COMPZSYS	SEQUENCE#	DESCRIPTION
APLAN01	761221	СКТВВК	52-5332	BOTH INDICATING LIGHTS FOR OPEN AND CLOSE POSITION FOR VALVE CV-2676 ARE ON
	Z			WIRE SHORTED TOGETHER AT VALVE CAUSING COIL AT BREAKER TO BURN OUT
				REPAIRED SHORTED WIRES AND REPLACED COIL
APLAN01	770218 7702181100 770315	VALVOP	CV-6202 784C0037	THE VALVE WOULD NOT REMAIN CLOSED WHEN ACTUATED
	=			DIRTY SOLENGID VALVE
				THE SOLENOID BLOCK VALVES WERE REPLACED AND THE AIR SUPPLY LINES WERE CLEANED
APLAND 1	770809 7708090150 770930 Z	INSTRU	ESAS-5 784C0010	THE ON TEST ALARM IS IN WITH THE SWITCH IN OPERATE AT CABINET IN CONTROL ROOM PIECEPART - BAILEY TRIP LOGIC PT NO 6624010A1 BAD RELAY
				REPLACED LOGIC TEST MODULE CHANNEL 5 WITH ONE FROM SPARE STOCK AND REPAIRED DEFECTIV E MODULE AND PLACED IN SPARE PARTS
DP CNEE 1	731005 7310050105 770114	VALVEX HHB	1FDW-99 764 7426	VALVE LEAKING AROUND SEAT
	7			BAD GASKET
				REPLACED GASKET

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	731006 7310062300 731009		1CRD-G-7 734 0029	CONTROL ROD DRIVE STATOR SHORTED PHASE TO PHASE
				REPLACED STATOR
DPCNEE1			1RC-4 764 7432	VALVE WILL NOT OPEN
	Z			STRIPPED THREADS ON VALVE STEM
				REPLACED TORQUE LIMIT SWITCH AND MOTOR AND REBUILT THREADS
DPCNEE1	731007 7310070930 731007	VALVOP CBE	1RC-1 734 0036	RC-4 PRESSURIZER POWER RELIEF BLOCK MOTOR BURNED UP
				UNKNOWN REPLACED MOTOR
DPCNEE1	731007 7310070930 770114	VALVOP CBD	1RC-4 764 7450	MOTOR BURNED OUT
	Z			пикиоми
				REPLACED MOTOR

EVENT/REPT

FACILITY	DATES C	OMP/SYS	SEQUENCE#	DESCRIPTION
DPCNEE1	731120 7311201500 731125	CRDRVE RBB	1CRD-F-10 734 0030	CONTROL ROD DRIVE STATOR SHORTED PHASE TO PHASE
				REPLACED STATOR
DPCNEE 1	731121 7311210238 731125	CRDRVE RBB	1CRD-M-9 734 0031	CONTROL ROD DRIVE STATOR SHORTED PHASE TO PHASE
				REPLACED STATOR
DPCNEE1	731125 7311251158 731213	CRDRVE RBB	1CRD-E-11 734 0032	CONTROL ROD DRIVE STATOR SHORTED PHASE TO PHASE
				REPLACED STATOR
DPCNEE1	731211 7312112000 731213	CRDRVE RBB	1CRD-M-13 734 0033	CONTROL ROD DRIVE STATOR SHORTED PHASE TO PHASE
				REPLACED STATOR

EQUIPMENT#

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	731212 7312122030 731213	CRDRVE RBB	1CRD-E-3 734 0034	CONTROL ROD DRIVE STATOR SHORTED PHASE TO PHASE
				REPLACED STATOR
DPCNEE1	731213 7312130605 731224	CRDRVE 5 RBB	1CRD-C-11 734 0035	CONTROL ROD DRIVE STATOR SHORTED PHASE TO PHASE
				REPLACED STATOR
DPCNEE1	731227 7312270730 731227	VALVOP SFD	1HP-20 734 0037	VALVE WILL NOT CLOSE
				FAULTY TORQUE SWITCH REPLACED TORQUE SWITCH
DPCNEE1	740211 7402111525 740214	CRDRVE RBB	1CRD-E-13 741 0015	CONTROL ROD DRIVE STATOR SHORTED-PHASE TO PHASE

REPLACED STATOR

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	740211 7402111337 740214	CRDRVE RBB	1CRD-P-6 741 0014	CONTROL ROD DRIVE STATOR SHORTED-PHASE TO PHASE
				REPLACED STATOR
DPCNEE1	740401 7404010830 740517	VALVEX HHA	1FDW-41 752 0233	VALVE LEAKS AROUND SEAT
				UNKNOWN REPLACED GASKETS
DPCNEE1	740423 7404230930 770114			VALVE OPERATED SPURIOUSLY
	Z			VALVE OFF SEAT
				REPAIRED VALVE
DPCNEE1	7405221200 770114		EFW PUMP 764 7418	PUMP FAILED WHILE OPERATING. SEALS RAN HOT CAUSING BEARINGS TO BURN OUT AND BEARING INSPECTION PLATE TO FALL OFF
	Z			OPERATOR ERROR
				REPLACED BEARINGS AND INSPECTION PLATE

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PLANTS			
MILCOX			
66			
BABCOCK			
AT		A H	
FAILURES		LEAK FROM COUPLING AREA	
O	ON	0	
NPRDS OUTPUT ON FAILURES AT BABCOCK & WILCOX PLANTS	DESCRIPTION	LEAK FROM	UNKNOWN
O.	EQUIPMENT# SEQUENCE#	CBD 764 7423	
	COMP/SYS		
79	EVENT/REPT DATES	740603 7406031200 770114	7
UL 20, 1979	ACILITY	DP CNEE 1	

PIPE COVER WAS SEALED WITH RTV SEALING COMPOUND

STATOR FAILED CAUSING ROD TO DROP

1CRD-K-11 764 7399

CRDRVE

740629 7406291200 770114

DPCNEE 1

REPLACED '0' RING SEALS AND NICKEL PLATED FLANGE

FAULTY 'O' RING SEALS

PENETRATION LEAKS

FAULTY MOTOR-LIKELY SHORTED REPLACED MOTOR

BREAKER TO MOTOR TRIPS UPON TRYING TO OPEN THE VALVE FROM CONTROL ROOM

1FDW-103 754 0150

VALVOP

740808 740808

DPCNEE1

REPLACED STATOR

UNKNOWN

DPCNEE 1

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FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	741009 741009 741108	VALVEX	1HP-15 752 0234	VALVE NOT OPERATING PROPERLY SLUGGISH AND RESETS BY ITSELF
				UNKNOWN REPLACED BAD CONTROL UNIT & RECALIBRATED
DPCNEE1	741028 741028 741122		1CC-16 744 0553	VALVE STEM BROKEN OFF
				UNKNOWN REPLACED VALVE
DPCNEE1	741103 741103 741104	VALVOP SFD		VALVE WILL NOT OPERATE ELECTRICALLY
				BLOWN FUSE REPLACED FUSE
DPCNEE1	741118 741118 750228		1RC-P1B2 752 0217	LEAK

SEAL FACES NEED LAPPING RELAPPED SEAL FACES - REPLACED '0' RINGS

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	741210 741210 741223	VALVOP SFF	1LP-22 752 0245	FAULTY MOTOR
				UNKNOWN REPLACED WITH NEW MOTOR
DPCNEE 1	741216 741216 741221	VALVOP SFF	1LP-21 744 0550	FAULTY MOTOR
				UNKNOWN REPLACED MOTOR
DPCNEE1	741227 741227 741228	VALVOP	1HP-20 752 0241	MAKE UP FLOW CHANGES WITH NO APPARENT CHANGE IN VALVE POSITION
				FAULTY POSITIONER REPAIRED POSITIONER
DPCNEE1	750102 750102 750107	VALVEX SFF	1LP-79 752 0235	VALVE LEAKS AND IS NOT REPAIRABLE
Maria de la compansión de				

UNKNOWN REPLACED VALVE

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	750104 750104 750110	VALVOP SFF	1LP-2 752 0244	VALVE NOT OPENING AT 300 PSIG
				FAULTY MICRO-SWITCH REPLACED MICRO-SWITCH
DPCNEE1		PUMPXX	1RC-P1A1 752 0230	WORN OUT SEAL
				NATURAL END OF LIFE REPLACED SEAL ASSEMBLY
DPCNEE1	750105 750105 750107	VALVOP SFD	1HP-228 752 0242	VALVE WILL NOT OPERATE BY MOTOR
				'B' FINGER INTERLOCK STUCK STRETCHED SPRING IN ORDER TO MAKE CONTACT
DPCNEE1	750114 750114 750217	MOTORX CBD	1RC-P1A1 752 0216	WORN SEALS

NATURAL END OF LIFE REPLACED GASKETS, SEAL RING, RUNNER, AND CUP

3

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	750114 750114 750217		1RC-P1B2 752 0232	WORN SEALS
				NATURAL END OF LIFE REPLACED GASKETS, RING, RUNNER, SLEEVE, INSERT
DPCNEE1	750203 750203 750204		1RC-66 754 0148	VALVE LEAKS PAST SEAT
				MANUFACTURING AND/OR INSTALLATION ERROR LAPPED SEAT
DPCNEE1	750225 750225 750310	PUMPXX	1RC-P1A1 752 0231	FAULTY SEALS - LEAKTED
				WORN SEALS - REPLACED SEAL INSERT, RINGS, SEAL HOUSING, RING ASSEMBLY, AND COLLAR
DPCNEE1	750314 7503141520 760826		1BS-3 764 7424	VALVE JAMS AFTER TRAVELING A SHORT DISTANCE. MOVING THE VALVE MANUALLY ALLOWS ELECTRICAL OPERATION.
	Z			PACKING GLAND TOO TIGHT
				LOOSENED PACKING GLAND. REPAIR DELAYED DUE TO THE NON-CRITICAL NATURE OF THE FAILURE.

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	750502 7505021700 740503	VALVOP SFF	1LP-18 752 0243	VALVE STATUS INDICATOR DID NOT SHOW THE VALVE BEING OPEN WHEN IT WAS OPENED
				OPEN LIMIT SWITCH CONTACTS WERE CORRODED CLEANED CONTACTS
DPCNEE 1	750804 7508040900 760830	PENETR SAB	WA-5 764 7416	LEAKING SF6 GAS
	Z			CRACK AROUND WELDS IN PENETRATION
				REPLACED PENETRATION
DPCNEE1	750804 7508040900 760830	PENETR SAB	WB-1 764 7417	LEAKING SF6 GAS
	Z			CRACK AROUND WELDS IN PENETRATION
				REPLACED PENETRATION
DPCNEE1	7509232100	PUMPXX SCC	185 214 764 7419	SEAL LEAK
	751027 A			FAULTY GASKET
				REPLACED GASKET

DESCRIPTION	TORQUE SWITCH OUT OF ADJUSTMENT, CLOSES SET POINT DRIFT VALVE TOO TIGHT	READJUSTED TORQUE SMITCH	TORQUE SWITCH OUT OF ADJUSTMENT, CLOSES VALVE TOO TIGHT	SET POINT DRIFT	READJUSTED TORQUE SMITCH	PUMP IS HARD TO ROTATE	CORRODED SHAFT SEALS	INSTALLED MECHANICAL SEAL, 'O' RING GASKET, AND SHAFT SEAL	VALVE LEAKING PAST SEAT	LIMIT BOX FAILURE	REPLACED LIMIT BOX
EQUIPMENT# SEQUENCE#	1LP-17 761 5033		1LP-18 761 5034			11P-P1C 764 7421			1RC-66 764 7435		
COMPISYS	VALVOP		VALVOP			PUMPXX			VALVEX		
EVENT/REPT DATES CO	751114 7511141230 751215 A		751114 1230 751215	4		751229 7512291515 760903	4		760109 7601090900 760903	N	
FACILITY	DPCNEE1		DPCNEE1			DPCNEE1			DPCNEE1		

FACILITY	EVENT/REPT DATES C		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE 1	7602100830 760903		ED-3 764 7403	'O' RING SEAL LEAKING
	Z			SEAL IS CORRODED
				REPLACED SEAL
DPCNEE1	7611011200 770214	BLOWER SBB	1RBC-1A 764 7394	EXCESSIVE VIBRATION AND LOAD RUBBING CAUSED BY WORN PARTS
	Z			CYCLIC FATIGUE
				REPLACED LUG, FAN BLADE, AND UPPER AND LOWER BEARINGS
DPCNEE1	7612091200 770201	VALVEX	1HP-120 764 7428	VALVE LEAKING THROUGH SEAT
	Z			SCARED WALVE SEAT
				LAPPED VALVE SEAT
DPCNEE1	761218 7612180800 770330			VALVE HARD TO OPERATE AND LEAKING THROUGH SEAT
	Z			NATURAL END OF LIFE
				REPLACED VALVE

EVENT/REPT EQUIPMENT#

FACILITY	DATES C	OMP/SYS	SEQUENCE#	DESCRIPTION
DPCNEE1	7701131200 770330	VALVOP SFF	1LP-18 773B0031	BRAKE ENGAGING INCORRECTLY
	Z			OUT OF ADJUSTMENT
				ADJUSTED BRAKE
DPCNEE1	770116 7701161200 770201	VALVEX SFD	1HP-322 773B0028	VALVE LEAKING PAST SEAT
	Z			SCARRED VALVE SEAT
				LAPPED AND REPACKED VALVE
DPCNEE1	770119 7701190800 770201	VALVEX	1RC-66 773B0030	VALVE LEAKING THROUGH SEAT
	Z			SCARRED VALVE SEAT
				LAPPED VALVE SEAT
DPCNEE1	770417 7704170400 770907	VALVEX SFD	1HP-71 773C0235	VALVE LEAKS BY SEAT
	Z			UNKNOWN
				LAPPED SEAT, REPLACED SPRINGS AND GASKETS

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	7705061100 770919		1HP-P1B 774A0279	EXCESSIVE VIBRATION
	Z			инкномн
				REPLACED MECHANICAL SEAL
DPCNEE1	7707211100 771104	VALVEX	1RC-66 774A0288	VALVE LEAKS PAST SEAT
	Z			DEFECTIVE GASKET AND WORN DISC
				REPLACED GASKETS AND DISC
DPCNEE1	770729 7707291200 771104 Z		1HP-43 774A0285	VALVE LEAKS
	•			инкномн
				REPLACED DISC, STEM, SPRING
DPCNEE1	770730 7707301430 770817 Z	VALVOP HHA	1FDW-106 774B0292	VALVE WOULD NOT OPERATE
				DEFECTIVE SCLENOID
				PIRLACED SOLENOID

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	770731 7707311201 771104	VALVEX CBD	1RC-5 774A0286	VALVE WILL NOT OPERATE MANUALLY
	Z			DEFECTIVE HANDWHEEL
				REPLACED HANDWHEEL AND STEM
DPCNEE1	770805 770805193	VALVOP 0 SCB	1PR-2 773C0237	VALVE WOULD NOT CLOSE, AIR BLOWING CONTINUOUSLY FROM EXHAUST
	z			RUPTURED DIAPHRAGM
				REPLACED DIAPHRAGM
DPCNEE1	770806 7708060411 770817	VALVOP 5 SCB	1PR-2 773C0238	VALVE WILL HOT OPEN
	Z			RUPTURED DIAPHRAGM
				REPLACED DIAPHRAGM
DPCNEE1	770915 770915:100	VALVEX SFD	1HP-285 774A0284	VALVE FAILED TO FUNCTION PROPERLY
	Z			UNKNOWN
				REPLACED VALVE W/KEROTEST S/N WA1-24

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE 1	7709160700 771104	VALVOP WBB	1CC-7 774A0293	VALVE WILL NOT OPEN ELECTRICALLY
	Z			TORQUE SWITCH OUT OF ADJUSTMENT
				ADJUSTED TORQUE SWITCH
DPCNEE1	770917 7709170900 771104	VALVEX SFD	1HP-147 774A0283	VALVE FAILED TO FUNCTION PROPERLY
	Z			UNKNOWN
				REPLACED VALVE W/KEROTEST S/NOBB7-7
DPCNEE1	770918 7709180930 771104	VALVEX SFD	1HP-126 774A0281	VALVE LEAK BY SEAT
	Z Z			пикноми
				REPLACED GASKET, SPRING, AND SEAT
DPCNEE1	7709180950			VALVE LEAKS BY SEAT
	771104 Z			UNKNOWN
				REPLACED DISK, SPRING, GASKET

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	771006	VALVEX CBD	1RC-7 774A0292	REMOVE AND REPLACE VALVE TO ELIMINATE PREVIOUS PROBLEMS
	Z			DEFECTIVE VALVE
				REPLACED VALVE WITH 2IN 1500# S/S GATE BORG WARNER S/N 24561
	7709261000 771104	VALVEX CBD	1RC-67 774A0290	VALVE LEAKS THROUGH
	Z			NNKNOMN
				REPLACED WITH IDENTICAL VALVE S/N BL8891
DPCNEE1	7709261000 771104		1RC-68 774A0291	VALVE LEAKING THROUGH
	Z			UNKNOWN
				REPLACED WITH IDENTICAL VALVE S/N BL08890
DPCNEE1	7709261300 770926	VALVOP WAB	1LPSW-4 774B0294	DID NOT MEET MAXIMUM STROKING TIME REQUIREMENTS
	Z			LIMIT SWITCH OUT OF ADJUSTMENT
				ADJUSTED LIMIT SWITCH

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	770930 7709301630 771104	VALVEX	1RC-5 774A0287	VALVE FAILED
	2			UNKNOWN
				REPLACED VALVE
DPCNEE1	7710041100 771104	CBD PUMPXX	77440278	SEALS LEAKING
	Z			UNKHOWN
				REPLACED SEALS
DPCNEE1	771004 7710041100 771104 Z	PUMPXX	1RC-P1B1 774A0280	SEALS LEAKING
				пикиоми
PROUEE		univey		REPLACED SEALS
DPCNEET	771004 7710040800 771104 Z		774A0289	VALVE LEAKS BY SEAT
				SEAT SCARRED

LAPPED SEAT AND INSTALLED NEW GASKETS

979		NPRDS OUTPUT ON FAILURES AT BABCOCK & WILCOX PLA		
		EQUIPMENT# SEQUENCE#	DESCRIPTION	
7710111940			VALVE WILL NOT OPEN ELECTRICALLY	
Z			BAD COIL	
			REPLACED COIL	
7711161300			MECHANICAL SEAL LEAKING	
780111 Z			SEAL CRACKED	
			REPLACED SEAL	
7805011200		783A0333	VALVE LEAKS AROUND PACKING	
780711 Z			VALVE IMPROPERLY PACKED	
			REPACKED VALVE, REPLACED BONNET ASSEMBLY	
7805041400	VALVEX	1LP-2 783A0332	VALVE WOULD NOT REOPEN AETER BEING CLOSED	
780711 780519 H			UNKNOWN-THE YOKE NUT AND STEM WERE BOUND	
	EVENT/REPT DATES 771011 7710111940 771104 Z 771116 7711161300 780111 Z 780501 7805011200 780711 Z	EVENT/REPT COMP/SYS 771011 VALVOP 7710111940 SFF 771104 Z 771116 SCC 780501 Z 780501 Z 780501 Z 780501 Z 780501 Z 780501 Z VALVEX CBD 780711 Z	EVENT/REPT COMP/SYS SEQUENCE# 771011 VALVOP 1LP-22 774A0294 771104 Z 771116 PUMPXX 1BS-P1A 774B0290 780111 Z 780501 Z 780501 VALVEX 1RC-4 783A0333 Z 780504 VALVEX 1LP-2 783A0332 780711	

REPLACED INTERNALS OF VALVE

FACILITY	EVENT/REPT DATES		DESCRIPTION
DPCNEE1	780512 7805121100 780711	1CF-12 783A0331	VALVE LEAKING AT COVER PLATE
	Z		WORN SEALS
			REPLACED SEALS
DPCNEE1	7805170600 780711		VALVE WILL NOT OPEN BY OPERATOR
	Z		WORN SOLENOID VALVE
			REPLACED SOLENOID VALVE
DPCNEE1	780803 7808031000 781009		CONTROL ROD 1 ON GP 7 DROPPED FORCING UNIT TO OPERATE AT REDUCED POWER
	780925 H		STATOR SHORTED OUT ON A PHASE-TO-NEUTRAL
			REPLACED WITH NEW STATOR DURING REFUELING OUTAGE
DPCNEE1	780908 7809081600 781006	1HP-31 784B0130	VALVE HP-31 LEAKS BY SEAT WHEN CLOSED
	Z		SEAT CUT BY PRESSURE
			REPLACED VALVE STEM AND SEAT

FACILITY	EVENT/REPT DATES	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE1	780910 7809101600 781006		1PR-2 VALVE OPERATOR WILL NOT OPEN VALVE
	Z		WIRING SHORTED AND CHARRED
			REPLACED WIRING IN RELAYS AND SWITCHES
DPCNEE1	7809181600 781006	1HP-120 784B0129	VALVE LEAKS BY SEAT WHEN CLOSED
	Z		VALVE SEAT WORN AND NOT SEALING OFF
			REPLACE AND LAPPED VALVE SEAT
DPCNEE2	7409251200 741231	2LP-14 764 7486	VALVE WILL NOT OPERATE PER SPECIFICATIONS
	Z		FAULTY VALVE
			EPAIRED VALVE AND SET LIMITS
DPCNEE2	741003 7410031200 770208	- AND REAL PROPERTY.	VALVE LEAKING THROUGH SEAT
	A		инкиоми
			RELAPPED SEAT

EVENT/REPT EQUIPMENT#

FACILITY	DATES C	OMP/SYS	SEQUENCE#	DESCRIPTION
7.0	7410171200	VALVOP SCC	2BS-2 764 7500	CONTROL ROOM INDICATES VALVE IN CLOSED POSITION. VISUAL INSPECTION SHOWS VALVE PARTIALLY OPEN.
	Z			CHANGE IN LIMIT SWITCH SETTING
				READJUSTED LIMIT SWITCH
DPCNEE2	7410251200 770117	VALVOP	2RC-1 764 7505	VALVE WOULD NOT OPEN ON DEMAND
	Z			FAULTY TORQUE SWITCH
				REPLACED TORQUE SWITCH
DPCNEE2	741119 7411191200 770208	GENERA EBG	2DIB 764 7463	ERRATIC DUTPUT
	A			UNKNOWN
				REPLACED S" CONTROL RECTIFIER
DPCNEE2	7412091200 770117	VALVOP SFF	2LP-22 764 7502	VALVE WILL NOT OPERATE
	Z			FAULTY MOTOR
				REPLACED MOTOR
10 P				

FACILITY	EVENT/REPT DATES		EQUITMENT# SETUENCE#	DESCRIPTION
DPCNEE2	741215 7412151200 770117	VALVOP SFF	2LP-22 764 7503	VALVE WILL NOT OPERATE
	Z			MOTOR FAILED DUE TO INSTALLATION ERROR
				REPLACED MOTOR
DPCNEE2	741225 7412251200 770117		2LWD-1 764 7504	INDICATION LIGHTS IN CONTROL ROOM NOT WORKING
	Z			LIMIT SWITCH DUT OF ADJUSTMENT
				READJUSTED LIMIT SWITCH
DPCNEE2	750101 7501011200 770117			VALVE LEAKING
	Z			FAULTY GASKET
				REPLACED GASKET
DPCNEE2	750121 7501211200 770117	VALVEX	2RC-67 764 7496	VALVE LEAKS PAST SEAT
				FAULTY VALVE
				REPLACED VALVE

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	750121 7501211200 770117		2RC-68 764 7499	VALVE LEAKS PAST SEAT
	A			FAULTY VALVE
				REPLACED VALVE
DPCNEE2	750205 7502051200 770117			TEST NOZZLE 'J' CAP HAS A LEAK THROUGH WELD
	Z			FAULTY WELD
				REWELDED TO STOP LEAK
DPCNEE2	750205 7502051200 770117	O CBD	2RC-P2A2 764 7473	TEST NOZZLE 'J' CAP HAS A LEAK THROUGH WELD
	Z			FAULTY WELD
				REWELDED TO STOP LEAK
DPCNEEZ	750205 7502051200 770117			TEST NOZZLE 'J' CAP HAS A LEAK THROUGH WELD
	Z			FAULTY WELD
				REWELDED TO STOP LEAK

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7502051201 770117		2RC-P2B2 764 7477	TEST NOZZLE 'J' CAP HAS A LEAK THROUGH WELD
	Z			FAULTY WELD
				REWELDED TO STOP LEAK
DPCNEE2			2RC-P2B1 764 7465	LEAK AROUND SEALS
	Z			UNKNOWN
				REPLACED GASKETS AND '0' RING SEAL COVER
DPCNEE2	750214 7502141200 770117 Z	VALVEX 0 SFD	2HP-58 764 7483	CRACK IN WEDGE FOR V-BEVEL
				пикиоми
				WELDED WEDGE
DPCHEE2	750220 7502201200 770117 Z	0 SFF		HANDWHEEL WILL NOT ENGAGE MANUALLY
				FAULTY SPRING
				REPLACED MANUAL ENGAGE SPRING

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	750224 7502241200 770117 Z	VALVEX SFD	2HP-57 764 7482	VALVE STUCK ON BACKSEAT
	2			FAULTY WOODRUFF KEY IN REACH ARM
				REPLACED WOODRUFF KEY
DPCNEE2	750320 7503200100 770117 Z	VALVOP CBD	2RC-1 764 7506	VALVE DOES NOT FUNCTION PROPERLY
				FAULTY MOTOR
				REPLACED MOTOR
	750806 7508061500 760902 Z	VALVEX	2RC-67 764 7497	VALVE LEAKS PAST SEAT
				INTERNAL PARTS WORN
				REPLACED BELLOWS ASSEMBLY AND NOZZLE
DPCNEE2	751026 7510260900 751215 B	CBD	2RC-P2A1 764 7472	SEALS LEAKING
				THE ORIGINAL TWO SEAL PACK APPARENTLY CANNOT WITHSTAND TRANSIENT PRESSURES, THOUGH THEY ARE DESIGNED TO. THERE IS NO APPARENT REASON FOR THE FAILUR. REPLACING THE TWO SEAL PACK WITH A THRES SEAL PACK SEEMS TO CORRECT THE PROBLEM. NO ONE KNOWS WHY THE THREE SEAL PACK WORKS WHEN THE TWO SEAL PACK DOES NOT.

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7510260901 751215	O CBD	2RC-P2A2 764 7474	SEALS LEAKING
	В	С		THE ORIGINAL TWO SEAL PACK APPARENTLY CANNOT WITHSTAND TRANSIENT PRESSURES, THOUGH THEY ARE DESIGNED TO. THERE IS NO APPARENT REASON FOR THE FAILURE. REPLACING THE TWO SEAL PACK WITH A THREE SEAL PACK SEEMS TO CORRECT THE PROBLEM. NO ONE KNOWS WHY THE THREE SEAL PACK WORKS WHEN THE TWO SEAL PACK DOES NOT.
DPCNEE2	7510260901 751215	O CBD	2RC-P2B1 764 7476	
	В	С		THE ORIGINAL TWO SEAL PACK APPATENTLY CANNOT WITHSTAND TRANSIENT PRESSURES, THOUGH THEY ARE DESIGNED TO. THERE IS NO APPARENT REASON FOR THE FAILURE. REPLACING THE TWO SEAL PACK WITH A THREE SEAL PACK SEEMS TO CORRECT THE PROBLEM. NO ONE KNOWS WHY THE THREE SEAL PACK WORKS WHEN THE TWO SEAL PACK DOES NOT.
DPCNEE2			2RC-P2B2 764 7478	SEALS LEAKING
		С		THE ORIGINAL TWO SEAL PACK APPARENTLY CANNOT WITHSTAND TRANSIENT PRESSURES, THOUGH THEY ARE DESIGNED TO. THERE IS NO APPARENT REASON FOR THE FALLURE. REPLACING THE TWO SEAL PACK WITH A THREE SEAL PACK SEEMS TO CORRECT THE PROBLEM. NO ONE KNOWS WHY THE THREE SEAL PACK WORKS WHEN THE TWO SEAL PACK DOES NOT.
DPCNEE2	760126 7601260900 760901	VALVEX SFF	2LP-17 764 7488	BREAK RELEASE NOT WORKING
				BRCKEN ROLL PIN

REPLACE ROLL PIN

FACILITY	EVENT/REPT DATES	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNCE2	760127 7601271130 760901	2HP-P2A 764 7468	PUMP BASE PLATE LEAKING
	Z		ABNORMAL WEAR
			INSTALLED HEAD GASKET, INTAKE AND DISCHARGE GASKETS
DPCNEE2	7603221200 760901	2LP-22 764 7489	VALVE LEAKING AROUND STEM AND PACKING
	Z		NATURAL END OF LIFE
			REPLACED SIEM, BODY TO BONNET GASKET, AND REPACKED
DPCNEE2	760408 7604081445 760901	2LP-5 764 7492	BODY TO BONNET LEAK
	2		NATURAL END OF LIFE
			REPLACED BODY TO BONNET GASKLT, STUDS, AND REPACKED
DPCNEE2	760413 7604131130 760901	2LP-4 764 7491	VALVE LEAKING PAST SEAT
	Z		BAD VALVE DISC. NATURAL END OF LIFE.
			REPLACED VALVE DISC AND VALVE GASKET

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	760510 7605101300 760831	PENETR SAB	EMV-2 764 7466	LEAK AROUND '0' RING SEALS
	z			CORROSION
				REPLACED 'C' RING SEALS
DPCNEE2	7605101300	PENETR SAB	WMV-2 764 7467	LEAK AROUND 'O' RING SEALS
	760831 Z			CORROSION
				REPLACED '0' RING SEALS
DPCNEE2	760513 7605130900 760901	VALVEX SFD	2HP-286 764 7481	VALVE LEAKING THROUGH PACKING AND THROUGH VALVE SEAT
	,,,,,,,, z			NATURAL END OF LIFE
				REPACKED VALVE AND RELAPPED SEAT
DPCNEE2	7606101500			LEAKING THROUGH THE VALVE SEAT
	760831 Z			NATURAL END OF LIFE
				INSTALLED NEW GASKETS, PACKING. LAPPED SEAT

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7607081830 761209	MOTORX SFD	2HP-P2A 764 7464	PUMP TRIFS ON ATTEMPTS TO START
	Z			BAD ROTOR DRAWING HIGH STARTING CURRENT CAUSING MOTOR TO TRIP
				REPLACED ROTOR ASSEMBLY
DPCNEE2	760920 7609200800 770725	HTEXCH SFD	2HP-C2B 773C0240	COOLER 2B HAS TUBE LEAK
	760920 H			ABNORMAL WEAR
				REPLACED COOLER AT NEXT SCHEDULED REFUEL
DPCNEE2	76 1007 76 1007 1200 76 1209	0 MAB		BROKEN ROLL PIN
	761209 Z			NATURAL END OF LIFE
				REPLACED ROLL PIN
DPCNEE2	7612061200			UNABLE TO OPEN VALVE
	770131 Z			BAD LINKAGE
				INSTALLED HANDWHEEL ON REACH ROD AND REPAIRED REACH ROD

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7612101200 770131	O CBD		VALVE LEAKS
	Z			GASKET WORN OUT
				REPLACED STUDS AND GASKET
DPCNEE2	770131		2HP-58 764 7485	VALVE WOULD NOT OPEN DUE TO A STRIPPED YOKE AND VALVE STEM
	Z			ABNORMAL SERVICE CONDITION
				LAPPED SEAT AND REWORKED NEW WEDGE, TAPPED AND PUT LIQUID METAL ON BODY AND BONNET
DPCNEE2	761227 761227080 770712	VALVEX 0 HHA	2FDW-31 773B0034	STUFFING BOX BLOW OFF PLUG LEAKING
	Z			WELD FAILURE
				GROUND AND REWELDED PLUG DURING OUTAGE
DPCNEE2	7701131200 770131			VALVE STUCK ON SEAT AND WOULD NOT OPEN MANUALLY
	Z			DRIFT IN SET POINT OF LIMIT SWITCH ON VALVE OPERATOR
				RESET LIMIT SWITCH

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	770131 7701312047 770609	PENETR SAB	RB PER HTCH 773B0033	LIMIT SWITCH ON PERSONNEL HATCH INDICATES OPEN WHEN HATCH IS SHUT
	Z			ADJUSTMENT ARM OUT OF ADJUSTMENT
				READJUSTED ARM AT TOP OF DOOR AND ADJUSTED LINKAGE SWITCH
DPCHEE2	7704051600 770609	VALVOP SFF	2LP-21 773B0037	LP-21 WILL NOT OPERATE FROM SWITCH IN CONTROL ROOM
	Z			LOOSE SET SCREW
				ADJUSTED PINION GEAR TO MESH WITH GEAR ON LIMITORQUE AND TIGHTENED SET SCREW
DPCNEE2	770419 7704191300 770907	The second secon	2RC-67 773C0249	2RC-67 LEAKS PAST SEAT REPLACE
	z			UNKNOWN
				REPLACED WITH IDENTICAL VALVE. S/N BL-8889
DPCNEE2	770419 7704191300 770907		2RC-68 773C0250	VALVE 2RC-68 LEAKS PAST SEAT
	Z			UNKNOWN
				REPLACED WITH IDENTICAL VALVE. S/N BL8892

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7705260800 770725	VALVEX CBD	2RC-66 773B0035	VALVE LEAKS THRU SEAT
	Z			ABNORMAL WEAR ON SEAT OF MAIN VIVE AND PILOT VALVE
				REMOVED VALVE, MACHINED SEATS, REPLACED VALV
DPCNEE2	770606 7706061550 770817	VALVEX SFD	2HP-7 773C0247	VALVE WOULD ONLY STROKE 1/2 IN, SHOULD BE 1 IN
	Z			UNKNOWN
				STROKED VALVE AND REPACKED
DPCNEE2	770609 7706091300 770718 Z		2RC-2 773C0248	NO FAILURE MODIFICATION
				NONE
				REPLACED VALVE WITH 2.5 IN. TARGET ROCK VALVE S/N2
DPCNEE2	770617 7706171345 770817	MOTORX SBB	2RBC-2A 773C0241	MOTOR BURNED OUT
	770017 Z			UNKNOWN
				DEDLACED MOTOR

REPLACED MOTOR

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7706171345 770817		2RBC-2C 773C0243	MOTOR BURNED OUT
	Z			UNKNOWN
				REPLACED MOTOR
	770623 7706231600 770725	VALVEX SFD	2HP-35 773C0245	VALVE COULD NOT BE RE-ASSEMBLED DUE TO BACK SEAT BEING GAULDED
	Z			BACK SEAT GAULDED
				CUT VALVE OUT AND REPLACED
DPCNEES	770625 7706250800 770725 Z			VALVE WOULD NOT CLOSE ELECTRICALLY
				TORQUE SWITCH FAILED TO FUNCTION NORMALLY
				ADJUSTED TORQUE SWITCH
DPCNEE2	770803 7708031300 770817			VALVE WOULD NOT OPERATE ON ES TEST
	Z			INSULATION CAUSED MECHANICAL INTERLOCK TO BIND PREVENTING OPEN CONTACTOR FROM OPERATING
				REMOVED EXCESS INSULATION

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7708041915 770817			MOTOR TRIPS OFF AT HIGH SPEED
	Z			BREAKER SET TO LOW
				RESET BREAKER
DPCNEE2	7708120400 770825		2HP-228 773C0251	VALVE WOULD NOT OPERATE ELECTRICALLY
	Z			UNKNOWN
				EXERCISED VALVE MANUALLY
770	770814 7708141300 770907			VALVE HAS CRACKED SEAT
	Z			UNKNOWN
				REPLACED STEM, SEAT, AND DIAPHRAM
DPCNEE2	770815 7708150315 771006	CRDRVE RL9	D8 774B0297	CONTROL ROD WILL NOT MOVE
	Z			DEFECTIVE STATOR
				REPLACED STATOR

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	770816 7708161000 771006	CRDRVE RBB	E7 77480298	CONTROL ROD WILL NOT MOVE
	Z			DEFECTIVE STATOR
				REPLACED STATOR
DPCNEE2	770822 7708221300 770907	VALVEX SFD	2HP-66 773C0246	VALVE LEAKS, REPLACE
	Z			ABNORMAL WEAR
				REPLACED VALVE
7708	770825 7708251800 771006			CONTROL ROD WILL NOT MOVE
	Z			DEFECTIVE STATOR
				REPLACED STATOR
DPCNEE2	770826 7708261600 780110			BODY TO BONNET LEAK
	Z			SEAL RING SCARRED
				REPLACED SEAL RING AND ADJUSTED PACKING

EVENT/REPT EQUIPMENT#

	DATES			DESCRIPTION
DPCNEE2	770830 7708300200 771004 Z	VALVEX SFD	2HP-120 774A0296	VALVE DEMAND CHANGES 2% BUT FLOW CHANGES 20GPM TO 70GPM CAUSING SWING IN PZR LEVEL, RCS PRESSURE, LDST LEVEL, AND RCP SEAL FLOW
				AIR LEAK AROUND STEM SEAL
				REPLACED SEAL
DPCNEE2) SFF		MOTOR STARTED SMOKING DURING VALVE MOVE-
	Z			UNKNOWN
				REPLACED MOTOR
DPCNEE2			77480299	CONTROL ROD WILL NOT MOVE
	771006 Z			DEFECTIVE STATOR
				REPLACED STATOR
DPCNEE2	7709220015		07 782B0131	STATOR FAILED
	771104 Z			UNKNOWN
				REPLACED STATOR

EVENT/REPT EQUIPMENT#

FACILITY	DATES C	OMP/SYS	SEQUENCE#	DESCRIPTION
DPCNEE2	7709240030 771104	CRDRVE RBB	H10 774B0300	STATOR FAILED
	Z			UNKNOWN
				REPLACED STATOR
DPCNEEZ	771008 7710081215 771104	15 SFD	774A0297	HANDWHEEL TURNS FREELY VALVE IS INOPERABLE
	Z			YOKE NUT STRIPPED
				REPLACED HANDWHEEL AND YOKE NUT
	771113 7711132309 780109	VALVEX SFD	2HP-234 774B0304	VALVE WILL NOT MANUALLY OPERATE
	Z			WORN YOKE NUT AND STEM
				REPLACED YOKE NUT AND STEM
DPCNEE2	771230 7712301500 780111	CRDRVE RBB	N12 78280130	LOC. > BAD STATOR DURING INSPECTION
	Z			UNKNOWN
				REPLACED STATOR

FACILITY	EVENT/REPT DATES	COMP/SYS	EQTIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	780103 7801031110 780111		2FDW-36 783A0336	VALVE WILL NOT OPERATE ELECTRICALLY
	Z			MOTOR BURNED OUT
				REPLACED MOTOR
DPCNEE2	780105 7801051135 780215	HTEXCH	782B0128	LEAK IN STEAM GENERATOR B
	780215 H			UNKNOWN
				REPAIRED LEAK BY FILLING TUBE AND PLUGGING
DPCNEE2	780114 7801140800 780215 Z	The second second second second	M7 78280129	STATOR FAILED TO RESPOND
				GROUNDED
				REPLACED STATOR
DPCNEE2	780117 7801172335 780215	VALVEX	2BS-10 782B0134	VALVE WILL NOT OPERATE
	Z			DAMAGED RING AND PINION GEARS IN REACH ROD
				REPLACED GEARS

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7801241400 780215	PUMPXX SCC	285-P2A 78280133	HIGH VIBRATION RECORDED DUPING ROUTINE INSPECTION
	Z			BAD MOTOR BEARING
				REPLACED BEARING AND REALIGNED
DPCNEE2	780409 7804090830 780504		78200138	DURING NORMAL OPERATION 2RC-3 DEVELOPED A PACKING LEAK CAUSING UNIT 2 TO BE TAKEN OUT OF SERVICE
	780505 H			UNKNOWN
				VALVE REPACKED
DPCNEE2	780409 7804090830 780504			PACKING LEAK
	780505 H			UNKNOWN
				REPACKED VALVE
DPCNEE2	780609 7806091335 781009		M5 784B0134	STATOR M5 WILL NOT OPERATE
	780728 H			SHORT IN A PHASE
				REPLACED WITH NEW STATOR

FACILITY	EVENT/REPT DATES	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7806190100 781009		BAD PUMP BEARING ON RB SPRAY PUMP 2B
	Z		POSSIBLE ALIGNMENT OR VIBRATION PROBLEM
			REPLACED WITH SPARE PUMP AND ALIGNED
DPCNEE2	7808141120 781006		RCP 281 SEAL LEAKOFF FLOW RATE HIGH
	Z		SEAL LIFE SHORTER THAN EXPECTED
			REPLACED SEALS
DPCNEE2	780814 7868141118 781006	2RC-P2B2 784B0137	RCP 2B2 SEAL LEAKOFF FLOW RATE HIGH
	Z		SEAL LIFE SHORTER THAN EXPECTED
			REPLACED SEALS
DPCNEE2	780817 7808171600 781009		STATOR G5 TESTED BAD
	Z		PHASE SHORT INDICATED
			REPLACED WITH NEW STATOR

FACILITY	EVENT/REPT DATES C		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE2	7808170800 781009	CRDRVE RBB	H10 784B0133	STATOR HIG TESTED BAD
	Z			PHASE GROUND INDICATED
				REPLACED WITH NEW STATOR
DPCNEE	741220 7412201200 770209	VALVEX	3HP-120 764 7538	VALVE LEAKING
	Z			FAULTY DIAPHRAGM
				REPLACED DIAPHRAGM
DPCNEE3	741222 7412221200 770209			INVERTER SHIFTED FREQUENCY
	Z			DRIFT IN SET POINT OF FREQUENCY CONTROL
				RESET FREQUENCY CONTROL
DPCNEE3	741223 7412231200 770209	VALVEX SFD	3HP-259 764 7540	VALVE LEAKS BEYOND REPAIR
	Z			UNKNOWN
				REPLACED VALVE

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	7412241200 770209		3LP-5 764 7560	VALVE WILL NOT OPERATE ELECTRICALLY
	Z			BLOWN FUSE
				REPLACED FUSE
DPCNEE3	741230 7412301200 770209	VALVEX SFE	3CF-1 764 7536	BODY TO BONNET LEAK
	770209 Z			CORROSION
				CLEANED SEAL RING AND SEALING SURFACES
DPCNEE3	750106 7501061200 770208	0 EBG	3DIC 764 7520	LOSS OF OUTPUT
	Z			BAD POWER FUSE
				REPLACED POWER FUSE
DPCNEE3	7501071200	VALVEX	3FDW-108 764 7537	VALVE WILL NOT OPERATE
	770209 Z			CORROSION
				DISASSEMBLED, CLEANED, LUBRICATED, AND REASSEMBLED

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	7501231200 770210	VALVOP HHA	3FDW-106 764 7553	NO OPEN INDICATION ON CONTROL ROOM PANEL WHEN VALVE IS OPEN
	Z			FAULTY ACTUATOR
				ADJUSTED ACTUATOR
DPCNEE3	750126 7501261200 770210	INSTRU IAB	NI-8 PR DET 764 7522	CHANNEL TRIPPED SEVERAL TIMES
	A			POWER RANGE DETECTOR OUT OF ADJUSTMENT
				ADJUSTED DETECTOR
	750205 7502051200 770209	VALVEX CBD	3RC-66 764 7549	VALVE LEAKS PAST SEAT
	z			UNKNOWN
				LAPPED SEAT
DPCNEE3	750205 7502051200 770209	VALVOP SFF	3LP-18 764 7559	VALVE WILL NOT OPERATE ELECTRICALLY
	Z			BLOWN FUSE
				REPLACED FUSE

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	7502141200 770209		3HP-21 764 7556	VALVE WILL NOT OPEN
	Z			FAULTY PRESSURE SWITCH
				REPLACED PRESSURE SWITCH
DPCNEE3	750219 7502191200 770209	VALVEX SFD	3HP-284 764 7541	VALVE LEAKS
	Z			LOOSE LEAK-OFF PLUG
				TIGHTENED PLUG
DPCNEE3	750224 7502241200 770209		3PR-E3A 764 7516	VENTILATION FAN LEAKS AROUND SUCTION GASKET
	A			RANDOM
				PLACED RTV SEALANT ON LEAK
DPCNEE3	750321 7503211200 770208		RB PER HTCH 764 7528	MECHANICAL INTERLOCK ON PERSONNEL HATCH IS BENT
	Z			UNKNOWN - LIKELY OPERATOR ERROR
				SET LOCKING CAM ON SHAFT TO MESH WITH GEAR

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUE CE#	DESCRIPTION
DPCNEE3	7505021000	MOTORX CBD	3RC-P3A2 764 7526	SEAL LEAK
	Z			пикиоми
				REPLACED SEAL AND MODIFIED *0* RING IN SEAL
DPCNEE3	7506171500 770216	O CBD	3RC-P3B1 764 7534	FAULTY SEALS
	Z			UNKNOWN
				REPLACED SEALS
DPCNEE3	750621 7506210600 770209	VALVOP SFD	3HP-26 764 7558	VALVE WOULD NOT OPERATE ELECTRICALLY
	Z			CONTACTS LOOSE
				TIGHTENED CONTACTS
DPCNEE3	750731 7507310830 770210	PENETR SAB	EMER P HTCH 764 7527	EMERGENCY PERSONNEL HATCH DOOR GASKETS FAULTY
	z			NATURAL END OF LIFE

REPLACED GASKETS

FACILITY	EVENT/REPT DATES (COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	750809 7508091005 770209	PUMPXX	3BS-P3B	PUMP L LEAKING
	z			FAULTY MECHANICAL SEAL
				REPLACED SEAL
DPCNEE3	751012 7510120915 770216		3RC3A-PT1 774A0299	ERRONEOUS PRESSURE READING - RPS CHANNEL A
	770216 Z			BAD TRANSMITTER
				REPLACED TRANSMITTER AND RECALIBRATED
DPCNEE3	7510120915	5 IED	3RC3B-PT2 774A0300	ERRONEOUS PRESSURE READING - RPS CHANNEL D
	770216 Z			BAD TRANSMITTER
				REPLACED TRANSMITTER AND RECALIBRATED
DPCNEE3	751019 7510192200 760813		M3 764 7518	CONTROL ROD M3 SHOWS API POSITION OF ABOUT 93% WITH ROD OUT OF LIMIT LIGHT ON, CAUSING ASSEMBL, ROD FAULT ALARM.
	Z			LOOSE CONNECTION OF THE API INPUT SIGNAL
BENEFIT OF THE PARTY OF THE PAR				

UL 20, 1979

TIGHTENED CONNECTION

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	7511041210 770211	INSTRU IBC	HP-27 UC 764 7521	CONTROL UNIT DOES NOT FUNCTION PROPERLY IN THE MANUAL MODE
	z			PUSHBUTTON SWITCH IS STICKING
				REPLACED SWITCH
DPCNEE3	760115 7601151500 760817	VALVEX SFF	3LP-12 764 7542	VALVE CANNOT BE OPERATED LOCALLY
	Z			SHAFT SHEARED OFF
				FABRICATED SHAFT AND INSTALLED
DPCNEE3		0 SFF	3LP-14 764 7543	HANDWHEEL INOPERABLE
	750817 Z			RATCHET PAW STRIPPED OFF
				REPAIRED RATCHET PAW AND REPLACED HALF- MOON KEY
DPCNEE3	760223 7602231000 760817			PUMP SEALS BAD
	Z			NATURAL END OF LIFE
				REPLACED SEALS

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	7603210606 760819		3LP-6 764 7544	VALVE WOULD NOT OPERATE MANUALLY
	Z			SHAFT THAT ENGAGES FOR MANUAL OPERATION WOULD NOT FUNCTION DUE TO EXCESSIVE WEAR
				REPLACED SHAFT
DPCNEE3			WD-3 764 7531	LEAKING SF6 GAS
	760619 Z			UNKNOWN
				REPLACED PENETRATION
DPCNEE3	760428 7604281005 761026 Z		3HP-P3C 764 7533	PUMP SHAFT SEALS LEAKING
				NATURAL END OF LIFE
				REPLACED SEALS
DPCNEE3	760719 7607191440 760813			VALVE INOPERABLE - WILL NOT OPEN
	Z			LIMIT SWITCH OUT OF ADJUSTMENT
				ADJUSTED LIMIT SWITCH

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	7607202230 761214			VALVE LEAKING PAST SEAT
	Z			VALVE SEAT WORN BADLY
				REMOVED VALVE, REPAIRED VALVE SEAT, AND REPLACED VALVE
DPCNEE3	7607302230 761214	VALVEX	3RC-67 764 7551	LEAKING PAST VALVE SEAT
	Z			VALVE SEAT WORN BADLY
				REMOVED VALVE, REPAIRED VALVE SEAT, AND REPLACED VALVE
DPCNEE3	760730 7607302230 761214	VALVEX	3RC-68 764 7552	LEAKING PAST VALVE SEAT
	Z			VALVE SEAT WORN BADLY
				REMOVED VALVE, REPAIRED VALVE SEAT, AND REPLACED VALVE
DPCNEE3	7608221130 761027		3FDW-108 764 7554	VALVE OPERATOR WILL NOT CLOSE WITH A SYSTEM PRESSURE OF 920 LB. ON IT
	Z			BAD SPRING
				DEDI ACED CODING

REPLACED SPRING

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	7609181200 761027			PLUG AND PACKING LEAK
	Z			CYCLIC FATIGUE
				REPLACED STEM, BACKSEAT ASSEMBLY, YOKE BUSHING, DISC, AND PLUG AND REPACKED VALVE
DPCNEE3	760930 7609301200 761027	нна		VALVE OPERATED SPURIOUSLY
				BAD SOLENOID IN OPERATOR
				REPLACED SOLENOID
DPCNEE3	761005 7610051200 761027 Z			VALVE LEAKING PAST STAT
				VALVE SEAT DRIED OUT AND OUT OF ADJUSTMENT
				LUBRICATED AND ADJUSTED VALVE SEAT
DPCNEE3	761005 7610051200 761027 Z			VALVE LEAKING PAST SEAT
				VALVE SEAT DRIED OUT AND OUT OF ADJUSTMENT
166.73				LUBRICATED AND ADJUSTED VALVE SEAT

FACILITY	EVENT/REPT DATES	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	761006 7610061200 761027		VALVE LEAKING PAST SEAT
	Z		BAD DIAPHRAGM
			REPLACED DIAPHRAGM
DPCNEE3		RB PER HTCH 764 7529	PERSONNEL HATCH INTERLOCKS OUT OF ADJUSTMENT
	Z		CYCLIC FATIGUE CAUSING ADJUSTMENT PROBLEM
			ADJUSTED INTERLOCKS
DPCNEE3		RB PER HTCH 764 7530	PERSONNEL HATCH INTERLOCKS OUT OF ADJUSTMENT
	Z		OUT OF ADJUSTMENT
			ADJUSTED INTERLOCKS
DPCNEE3	76 1020 76 1020 1200 76 1130		VALVE WILL NOT OPERATE ON DEMAND
	Z		FAULTY MOTOR IN VALVE OPERATOR
			REPLACED MOTOR

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	76 1026 76 1026 1200 76 1130			VALVE OPERATOR MOTOR SHORTED TO GROUND
	Z			BARE PLACE ON MOTOR LEAD
				TAPED BARE PLACE
DPCNEE3	761111 7611111200 761130	CRDRVE RBB	H10 764 7517	ROD HID DROPPED TO THE BOTTOM OF THE CORE
	Z			BAD STATOR
				REPLACED STATOR
DPCNEE3	7611211200 770405		3FDW-108 773B0047	VALVE WILL NOT OPERATE FROM CONTROL ROOM SWITCH - CANNOT CLOSE
	Z			PACKING WAS TOO TIGHT AND HAD THE VALVE STEM IN A BIND NOT ALLOWING IT TO TRAVEL COMPLETELY CLOSED
				REPACKED VALVE PROPERLY
DPCNEE3	76 1206 1200 770 128		3RC14A-DPT4 764 7525	RPS CHANNEL D TOTAL FLOW DOES NOT AGREE WITHIN 4.8 MILLION #/HR WITH CHANNELS A, B, AND C.
	Z			FAULTY EAJON-FITTING GASKET
				PEPI ACED GASKET AND RECALTRRATED

REPLACED GASKET AND RECALIBRATED

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	76 12 12 12 00 770 128		3HP-120 764 7539	VALVE DOES NOT OPERATE ON DEMAND
	Z			DIAPHRAGM IN VALVE OPERATOR LEAKS - VALVE AND VALVE OPERATOR ARE A SINGLE UNIT
				REPLACED DIAPHRAGM
DPCNEE3	7702161500 770405	CRDRVE RBB	F2 773B0039	CONTROL ROD DRIVE MOTOR TUBE F2 ON REACTOR SERVICE CLOSURE HEAD LEAKS
	z			NATURAL END OF LIFE
				REPLACED"O"RINGS, VENT VALVE ASSEMBLY, AND CLOSURE INSERT ASSEMBLY.
DPCNEE3	770219 7702191900 770405	VALVEX SFD	3HP-236 773B0049	VALVE STEM BROKEN
	Z			UNKNOWN -BROKEN VALVE STEM
				REPLACED VALVE STEM, SPRING, AND DISC
DPCNEE3				PERSONNEL LOCK INNER DOOR EQUILIZER VALVE NOT WORKING PROPERLY
	Z			OUT OF ADJUSTMENT
				AD HIGTED VALVE

ADJUSTED VALVE

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
	770610 7706102330 780110	VALVEX	3RC-19	VALVE LEAKS BY SEAT
145				REPLACED DISC ALD REPACKED
DPCHEE3	770624 7706240400 770725			MECHANICAL SEAL LEAKING
	Z			ABNORMAL WEAR OF SEAL
				REPLACED SHAFT SLEEVE, SEAL GLAND, AND GASKET
DPCNEE3	770715 7707150500 770907			REPACK RC-43, VALVE LEAKS PAST SEAT
	Z			CRACKED SEAT
				REPACKED VALVE AND SCHEDULED TO REPLACE DURING OUTAGE
DPCNEE3	7707201100		3RC-H3B 774B0310	TUBES ONE AND TWO ROW SEVENTY-SEVEN LEAK
	770825 770728 H			инкноми
				DI HOSED THREE

PLUGGED TUBES

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	770807 7708071525 770817	VALVEX SCB	3PR-2 773C0258	VALVE WILL NOT OPEN
	Z			RUPTURED DIAPHRAGM
				REPLACED DIAPHRAGM
DPCNEE3	770820 7708201430 771006	CRDRVE RBB	G9 774A0298	CONTROL ROD WILL NOT MOVE
	771000 Z			DEFECTIVE STATOR
				REPLACED STATOR
DPCNEE3	771011 7710111048 771104	8 SFF	3LP-21 774B0323	VALVE WILL NOT CLOSE ELECTRICALLY
	771104 Z			TORQUE SWITCH SET TO LOW
				RESET TORQUE SWITCH
DPCNEE3	7710231600	0 SFE	3CF-15 774B0314	VALVE BLOWS BY
	780110 Z			DRIFT IN SET PRESSURE
				REMOVED VALVE, SET PRESSURE, REINSTALLED

FACILITY	EVENT/REPT COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	7710241400 SFD 771104		VALVE WILL NOT OPEN
	Z		CONTACTS CORRODED
			CLEANED CONTACTS
DPCNEE3	7711141400 SFD 780110	3HP-26 774B0320	VALVE WILL NOT CLOSE ELECTRICALLY
	Z		B.'C FINGERS NOT OPENING
			ADJUSTED CONTACTS
DPCNEE3	771116 VALVOP 7711161600 SCC 780110	77480319	UNABLE TO CYCLE VALVE
	Z		GEARS WORN
			REBUILT GEAR MECHANISM
DPCNEE3	771122 VALVEX 7711221145 SFD 780215	3HP-120 78280144	VALVE WILL NOT SEAT
	Z		WORN STEM AND DISC
			REPLACED STEM AND SEAT

FACILITY	EVENT/REPT DATES (COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	771122 7711220200 780110	VALVG? SFD	3HP-26 77: B0321	NO CONTROL ROOM POWER TO OPERATE
	Z			WIRES BURNED
				RECONNECTED WIRES
DPCNEE3	780111	INSTRU IAB	NI-5 PR DET 774B0311	CHANNEL A TRIPPED AT 6X10-8
	Z	ž		BAD DETECTOR
				REPLACED DETECTOR WITH LIKE 3/N WL-23636-B
771228	771228 7712281400 780111			VALVE WILL NOT OPERATE MANUALLY
	Z			ENGAGEMENT LEVER BROKEN
				REP IRED LEVER
DPCNEE3	771228 7712281400 780111	VALVEX	3LP-14 774B0316	VALVE WILL NOT OPERATE
	Z			LOOSE SETSCREWS ON HANDWHEEL
				TIGHTEN SET SCREWS ON HANDWHEEL

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	780113 7801130948 780215	VALVEX SFE	3CF-1 782B0142	VALVE HAS A BODY TO BONNET LEAK
	Z			HAD WORN SEAL RING
				REPLACED SEAL RING
DPCNEE3	780119 7801190900 780215	0 SFD	3HP-154 782B0145	VALVE LEAKS BY SEAT
	Z			USING VALVE AS A THROTTLE VALVE
				LAPPED SEAT REPLACED INTERNALS
DPCNEE3	780120 7801201615 780215	VALVEX 5 SFE	3CF-8 782B0143	VALVE LEAKS PAST SEAT
	Z			WORN DISC AND SPRING
				REPLACED SPRING AND DISC
DPCNEE3	7802021100) SCB	3PR-9 782B0148	VALVE WILL NOT CLOSE ELECTRICALLY
	780215 780223 H			DEFECTIVE TORQUE SWITCH IN OPERATOR
				REPLACED TORQUE SWITCH

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCNEE3	780210 7802100830 780504			STATOR FAILED
	Z			инкноми
				REPLACED STATOR
DPCNEE3	780620 7806200900 780711			HANDWHEEL SPINS ON STEM
	Z			YOKE NUT BROKEN
				REPLACED YOKE NUT
	780706 7807061730 781009			3LP-21 OPERATOR NOT FUNCTIONING PROPERLY
	Z			OPERATOR STEM NUT THREADS STRIPPED
				REPLACED OPERATOR STEM NUT
DPCNEE3	780822 7808221226 781006		3LPSW-24 784B0140	VALVE WOULD NOT OPERATE TO CLOSE POSITION
	780919 H			BAD TORQUE SWITCH
				TORQUE SWITCH WAS REPLACED

FACILITY	EVENT/REPT DATES C		EQUIPMENT# SEQUENCE#	DESCRIPTION
DPCHEE3	780823 7808230855 781006	VALVEX WAB	3LPSW-21 784B0139	VALVE IN INTERMEDIATE POSITION
	780919 H			POSITION INDICATOR SLIPPED
				ADJUSTED VALVE POSITION INDICATOR
FPCCRP3	770313 7802091200 780406	MOTORX HBA	78280153	VALVE IS NORMALLY CLOSED. DURING FUNCTION- AL TEST, VALVE WOULD NOT OPEN.
	Z			VALVE MOTOR WOULD NOT FUNCTION DUE TO A FAULTY ROTOR
				REPLACED ROTOR ASSEMBLY
FPCCRP3	770323 1425 770509	CRDRVE 5 RBB E	0°DM-C2° 772 2076	DURING NORMAL ST. TUP AFTER MANUAL RX TRIP, CONTROL ROL WOULD NOT RESPOND TO OUT COMMAND
	D			MEGGERED STATOR, A SHORT FROM PHASE TO GROUND WAS DISCOVERED
				REPLACED FAULTY STATOR, RX IN MODE 3, HOT STANDBY
FPCCRP3	7704041055 770509	RBB	CRDM- C59 772 2077	WHILE PERFORMING POWER TESTING OSCILLATION CONTROL ROD WAS FOUND TO BE INOPERABLE. RX. POWER AT = 45 % AT TIME
	D			MEGGERED STATOR, A SHORT FROM PHASE TO GROUND WAS DISCOVERED
				RX BROUGHT DOWN TO HOT STANDBY, STATOR REPLACED BY PLANT PERSONNEL.

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	770407 7704072300 770509 D			WHILE PERFORMING BALANCE CORRECTION AT NORMAL POWER OPERATION, APSR'S BECAME INOPERABLE DUE TO PI MALFUNCTION OF ROD 5 RX POWER AT 92 %. ALL PI CABLING AND CONNECTIONS CHECKED, ALL NORMAL, CONCLUDED PI TUBE WAS DEFECTIVE
				RX BROUGHT TO MODE 3, HOT STANDBY, PI TUBE REPLACED WITH SPARE, PROBLEM WAS CORRECTED.
FPCCRP3	7704261200 770606	INSTRU HBA	SP-1B-LR 772 2079	DURING HORMAL OPERATION IT WAS NOTED THAT A&B STEAM GENERATOR OPERATING LEVEL RECORDERS DID NOT AGREE WITHIN 2 % .
	Z			BOTH INSTRUMENTS WERE CHECKED, SP-1B-LR HAD A BAD POWER SUPPLY FILTER CAPACITOR
				REPLACED DEFECTIVE PART AND RECALIBRATED
FPCCRP3	770503 7705031200 770607	VALVEX	RCV-8 772 2080	VALVE APPEARED TO BE LIFTING AND RESEATING AT 2155 PSIG
	D	G		VALVE REMOVED, SENT TO LAB FOR REPAIR. THE DISC AND NOZZEL SEAT WERE SCORED IN FIVE PLACES.
				REBUILT VALVE WITH NEW PARTS AND RE-SET LIFT PRESSURE
FPCCRP3	7705131200 770711	INSTRU PCB	MU-14-LR 773A0118	WHILE RECORDING NORMAL LEVEL IN MAKE-UP TANK, CHART ADVANCE FAILED
	Z			BOSS ON TAKE-UP REEL THAT ENGAGES CHART ROLL BROKE OFF.
				BUILT UP A BOSS ON TAKE UP REEL WITH SOLDER

FACILITY	EVENT/REPT DATES CO	MP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	770517 7705170700 770711 B I	RBB	A02-CRDM 773A0114	DURING PERFORMANCE OF PREVENATIVE MAINTENA NCE ON CONTROL ROD DRIVE SYSTEM STATOR FAILED ELECTRICAL TEST. RX POWER 0 % MODE 5 STATOR SHORTED TO GROUND ON ONE PHASE
				REPLACED STATOR DURING OUTAGE
FPCCRP3	770517 7705170700 770711 B	RBB	CRDM-C03 773A0115	DURING PERFORMANCE OF PREVENATIVE MAINTENA NCE ON CONTROL LOD DRIVE SYSTEM STATOR FAILED ELECTRICAL TEST. RX POWER 0 % MODE 5 STATOR SHORTED TO GROUND ON ONE PHASE
				REPLACED STATOR DURING SAME OUTAGE
FPCCRP3		RBB	CRDM-C09 773A0116	DURING PERFORMANCE OF PREVENATIVE MAIN. ON CONTROL ROD DRIVE SYSTEM STATOR FAILED ELECTRICAL TEST. RX POWER AT 0 % MODE 5 STATOR SHORTED TO GROUND ON ONE PHASE
				REPLACED STATOR DURING SAME OUTAGE
FPCCRP3	770517 7705170700 770711 B	RBB	CRDM-C22 773A0117	DURING PERFORMANCE OF PREVENATIVE MAINTENA NCE ON CONTROL ROD DRIVE SYSTEM STATOR FAILED ELECTRICAL TEST RX POWER 0 % MOPE 5 STATOR SHORTED TO GROUND ON ONE PHASE
				PEPLACED STATOR DURING DUTAGE

REPLACED STATOR DURING OUTAGE

FACILITY	EVENT/REPT DATES CON		EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	770711	VALVEX HHB	ASV-50 773A0119	DURING NORMAL START OF EMERGENCY FEEDWATER PUMP, ASV-50 FAILED TO OPEN
	Z			BROKEN STEM AND RUST PREVENTED VALVE FROM OPERATING
				VALVE WAS DISASSEMBLED AND CLEANED, STEM WAS WELDED AND REPLACED IN VALVE. VALVE FUNCTIONED PROPERLY.
FPCCRP3	770624 7706241200 F 771108 B D	RBB	CRDM-C42 774A0309	DURING NORMAL POWER OPERATION ROD 6 OF GROUP 2 ABSOLUTE POSITION INDICATOR JUMPED AT ABOUT 5 % AND 10 % WHILE WITHDRAWING GROUP UNKNOWN
				REPLACED PI TUBE DURING SCHEDULED OUTAGE
FPCCRP3	7706271200 F 771108	RBB	CRDM-C36 774A0307	ROD 6 OF GROUP 1 FELL INTO CORE DURING POWER OPERATION WITHOUT COMMAND
	B D			SHORTED WINDING ON STATOR
				REPLACED PI TUBE AND STATOR DURING SCHEDULED OUTAGE
FPCCRP3	7706301200 F 771108	RBB	77420303	DURING NORMAL POWER OPERATION ABSOLUTE POSITION INDICATOR FOR ROD 1 GROUP 8 DROPPED TO ZERO
	B D			UNKNOWN

REPLACED PI TUBE DURING SCHEDULED OUTAGE

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	7707031203 770914		FWV-163 773C0264	VALVE IS NORMALLY CLOSED. VALVE WAS OBSERVED LEAKING THRU SEAT AND AROUND BONNET BOLTS
	Z			AFTER REMOVAL OF VALVE, SEAT WAS DISCOVERED PITTED, AND BONNET GASKET BAD
				RELAPPED SEAT AND INSTALLED NEW BONNET GASKET
FPCCRP3	7707171200 771108	RBB	A07-CRDM 774A0304	DURING NORMAL POWER OPERATION CRDM APPEARED TO HAVE PI PROBLEM AND ROD MOVED SLOWER THAN REST OF GROUP 8
	A	D		STATOR HAD SHORTED WINDINGS
				REPLACED STATOR DURING PLANT OUTAGE
FPCCRP3	7707181200 771108	RBB	CRDM-C25 774A0305	ABSULUTE INDICATOR ON GROUPE 7 ROD 2 NOT MOVING AS FAST AS REST OF GROUP WHEN PULLING FROM 0 POSITION
	В	D		UNKNOWN
				REPLACED PI TUBE DURING SCHEDULED OUTAGE
FPCCRP3	770720 7707201200 780104 Z	INSTRU	DH-10-TTS 774B0325	DURING NORMAL PLANT OPERATION TEMPERATURE SWITCH WAS NOT WORKING. HEATER ON BWST WAS ON WHEN TEMP OF TANK WAS 12 DEG HIGHER THAN SET POINT OF SWITCH. A BAD RELAY WAS FOUND IN SWITCH

REPLACED DEFECTIVE RELAY AND RECALIBRATED

FACILITY	EVENT/REPT DATES C		EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	771107		MSV-25 774A0310	DURING NORMAL OPERATION, STEAM WAS NOTICED ESCAPING THRU ATMOSPHERIC DUMP VENTS, INDICATING SEAT LEAK
	Z			SEAT LEAK ON VALUE SEAT
				VALVE WAS DISASSEMBLED DURING OUTAGE, SEAT WAS LAPPED AND NEW GASKETS INSTALLED.
FPCCRP3	771107	VALVEX HBA	MSV-26 774A0311	DURING NORMAL OPERATION, STEAM WAS NOTICED ESCAPING THRU ATMOSPHERIC DUMP VENTS, INDICATING SEAT LEAK
	Z			SEAT LEAK ON VALVE
				VALVE WAS DISASSEMBLED DURING OUTAGE, SEAT WAS LAPPED AND NEW GASKETS INSTALLED
FPCCRP3				SEAL RING CUT BY HI PRESSURE, CAUSING EXCESSIVE VALVE LEAKAGE.
	В	D		FAILURE OF SEAL RING TO CONTAIN SYSTEM PRESSURE
				SEAL WELDED BONNET ON VALVE. LEAKAGE CONTAINED
FPCCRP3	7708151200	VALVOP CFC	DHV-4 773C0266	DURING COOL DOWN FOR MAINTENANCE DHV-4 COULD NOT BE OPENED FROM CONTROL ROOM OR AT LOCAL STATION
	Z			AFTER QUICK INSPECTION BY PLANT ELECTRICAN A BROKEN WIRE WAS DISCOVERED IN OPERATOR.
				REPAIRED BROKEN WIRE AND OPERATOR PERFORM ED PROPERLY.

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	7708171200 770914		DH-002-TE1 773C0261	
	Z			ELEMENT WAS FOUND TO BE BAD IN RTD BY PLANT INSTRU. TECH.
				REPLACED FAULTY ELEMENT WITH SPARE, RETURNE D COMPONET TO SERVICE
FPCCRP3	7708181200 770914	INSTRU IBB	RP-A39 773C0263	RPS SYSTEM WAS OUT OF SERVICE FOR A MODIFICATION. WHEN CHANNEL WAS ENERGIZED MODULE FAILED
	Z			FAILURE OF PRINTED CIRCUIT BOARD.
				CALIBRATED SPARE MODULE AND INSTALLED IN SYSTEM
FPCCRP3	7708271200 770914	INSTRU PCB	MU-27-FI 773C0262	DURING YEARLY CALIB FLOW INDICATOR WAS INDICATING 40 % WITH NO MAKE-UP PUMP RUNNING
	Z			A BAD METER MOVEMENT WAS DISCOVERED IN INDICATOR
				REPLACED METER MOVEMENT WITH SPARE AND RECALIBRATED STRING
FPCCRP3	7708241200	CRDRVE D RBB	CRDM-C40 774A0308	DURING PLANT STARTUP ROD 3 GROUP 3 GAVE A FAULTY POSITION INDICATION
	771108 B			UNKNOWN
				DEDITORD OF THRE DECIMEN CTART-UP

REPLACED PI TUBE, RESUMED START-UP, GROUP 3 ROD 3 WAS NORMAL

FACILITY	EVENT/REPT DATES C	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	7708251200 780103		NI-003-C5 774B0327	DURING PERFORMANCE OF SURVEILLANCE PROCEDURE, MODULE WAS FOUND TO BE OUT OF TOLERANCE. RX POWER 0 PERCENT
	В			CALIBRATION RESISTOR WAS FOUND TO BE BAD
				REPLACED COMPLETE MODULE AND CALIBRATED
77	7708251200 780103		NI-004-D5 774B0328	DURING PERFORMANCE OF SURVEILLANCE PROCEDURE MODULE WAS FOUND TO BE OUT OF TOLERANCE. RX POWER AT 0 PERCENT
	В			RAMP GENERATOR CARD FOUND BAD
				REPLACED RAMP GENERATOR CARD AND RECALIBRATED MODULE.
771	770825 7708251200 770103 B			DURING PERFORMANCE OF SURVEILLANCE PROCEDURE RATE OF CHANGE AMPLIFIER WAS FOUND OUT OF TOLERANCE. RX POWER 0 PERCENT UNKNOWN
				REPLACED COMPLETE MODULE AND RECALIBRATE
FPCCRP3	7709121200 771107	VALVEX 0 PCB	MUV-27 774A0312	DURING POWER OPERATION VALVE WAS DISCOVERED LEAKING EXCESSIVELY FROM SEAL RING
	D			UNKNOWN
				SEAL RING WELDED UP, VALVE WAS STROKED OPEN AND CLOSED AND VISUAL EXAM SHOWED NO LEAKAGE UNDER SYSTEM PRESSURE

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	770919 7709191200 780103 B	INSTRU PCB	MU-22-PI2 774B0326	NEEDLE ON PRESSURE INDICATOR WAS GIVEN FALSE RESPONSE EX POWER 100 PERCENT NEEDLE WORN OUT
FPCCRP3				DURING NORMAL POWER OPERATION CHANNEL B OF REACTOR PROTECTION SYSTEM TRIPPED ON LOW FLOW . RX POWER AT 100 PERCENT A BAD AMPLIFIER ASSY WAS FOUND IN DIFF. PRESSURE TRANSMITTER
FPCCRP3			SP-008B-PT2 774B0331	REPLACED BAD AMPLIFIER ASSY. WITH SPARE. CALIBRATED STRING AND RETURNED TO SERVICE. DURING NORMAL PLANT OPERATION DIFF. PRESS TRANSMITTER STARTED GIVING BAD IMPUT TO COMPUTER. RX POWER AT 100 PERCENT BROKEN BELLOWS ON TRANSMITTER
FPCCRP3	771213 7712131200 780406 Z	MOTORX CFC	DHV-42 782B0152	REPLACED BELLOWS WITH SPARE AND RECALIBRATED VALVE WOULD NOT OPEN CRACKED ROTOR

REPLACED ROTOR

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	780206 7802061200 780406		SP-12A-DPT 782B0151	INPUT FOR INTEGRATED CONTROL SYSTEM FOR FEEDWATER BYPASS VALVE WAS ERRONEOUS.
	Z			SP-12A OPT HAD A BAD CURRENT BUFFER
				REPLACED CURRENT BUFFER
FPCCRP3	7802151200 780407	RELAYX	ES-4A-AS 78280154	DURING TESTING OF ENGINEERED SAFEGUARDS TEST BLOCK LOADING SEQUENCE, NORMAL ACTUA- TION INDICATING LIGHT WOULD NOT LIGHT
	E			RELAY ES-4A-AS WAS DISCOVERED TO HAVE BAD CONTACT ALIGNMENT.
				REPLACED RELAY SYSTEM FUNCTIONED NORMALLY.
FPCCRP3	780414 7804141200 781121			INVERTER 3A HAS HISTORY OF UNEXPLAINABLE TRIPS.
	В	D		пикиоми
FPCCRP3	780422 7804220800 780815		AHV-1D 783B0076	MODIFICATION TO CIRCUIT DESIGN WAS INIT- IATED (MAR#78-7-4) TO INCREASE INVERTER RELIABILITY.INVERTER IS PRESENTLY PERFORM- ING SATISFACTORY. TEST SAT PER TP78-7-4. UPON INITIATING REACTOR BUILDING PURGE, AHV-1D WOULD NOT OPEN.
	Z			AHV-1D VALVE OPERATOR WAS LEAKING AIR
				REBUILT VALVE SOLENOID WITH ASCO REPAIR KIT#103-863.VALVE THEN FUNCTIONED PROPERLY
				KITHIOS BOS. VACVE THEN TONGITONES THOSE

EVENT/DEDT COUTDMENTS

FACILITY	DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3			DH-1-FS1 783B0073	WHILE INTRODUCING BORATED WATER TO THE REACTOR VESSEL, USING THE DECAY HEAT REMOVAL SYSTEM, DH-1-FS1 WOULD NOT FUNCTION. BAILEY SIGNAL MONITOR HAD DEFECTIVE COMPONENTS
FPCCRP3	FPCCRP3 780622 7806221400 780815			REPLACED TRANSISTORS Q1(PART#2N2770)AND Q2(PART#2N4036) ON SIGNAL MONITOR(BAILEY METER COMPANY PART#6623819-A1).SIGNAL MONITOR THEN TESTED SATISFACTORILY. DURING TEST,RC-1-LT2 WAS INOPERABLE.
	Z			POWER TRANSFORMER AND AN AMPLIFIER ASSEM- BLY WERE DEFECTIVE.
FPCCRP3	7508011000 781120	FILTER SCB	AHFL-1 784B0164	REPLACED POWER TRANSFORMER PART#6623040-2 (BAILEY METER COMPANY)AND AMPLIFIER ASSEMBLY PART#6619912A1(BAILEY METER CO.). TRANSMITTER THEN FUNCTIONED PROPERLY. SAMPLE CANNISTER FOR FILTER BANK AHFC-1 DID NOT MEET ACCEPTANCE CRIERIA OF METHYL IODIDE REMOVAL EFFICIENCY OF 99 PER CENT.
	Z			THIS FAILURE WAS TO BE EXPECTED DUE TO RECENT OUTAGE. MOISTURE CREATED DURING FUEL SHUFFLE AND VAPORS CREATED FROM PAINTING DOWNGRADED THE CHARCOAL FILTERS. REPLACED CHARCOAL FILTERS BEFORE STARTUP. TESTED SATISFACTORY.
FPCCRP3	7808270800 781010			BS-PT-2, BUILDING SPRAY PUMP 3B DISCHARGE PRESSURE TRANSMITTER, INDICATES NO FLOW WHEN PUMP IS RUNNING.
	Z			TRANSMITTER FILLED WITH WATER AND AIR
				VENTER AND STATES TO AMERITATED TO A NEW TITES

VENTED AND FILLED TRANSMITTER. TRANSMITTER THEN FUNCTIONED PROPERLY.

FACILITY	EVENT/REPT DATES	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	781010	DH-43-FIS 783B0074	DHV-110, DELAY HEAT REMOVAL HEAT EXCHANGER DISCHARGE VALVE, WILL NOT CONTROL IN AUTO-MATIC MODE.
	Z		DH-43-FIS, FLOW SWITCH WAS OUT OF CALBRAT- ION CAUSING DHV-110 TO NOT CONTROL AUTO- MATICALLY.
			CALIBRATED DH-43-FIS PER SP-169.DHV-110 NOW CONTROLS PROPERLY.
FPCCRP3	781121	A02-CRDM 784B0147	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAILED TO FUNCTION CORRECTLY.
	Z		UNKNOWN
			REPLACED POSITION INDICATOR, RETESTED-FUN- CTIONED PROPERLY
FPCCRP3	780907 7809071500 781121 Z	CRDM-C08 784B0150	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAILED TO FUNCTION CORRECTLY.
			UNKNOWN
			REPLACED POSITION INDICATOR. RETESTED-FUN- CTIONED PROPERLY
FPCCRP3	7809071500 781121	CRDM-C09 784B0151	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAILED TO FUNCTION CORRECTLY.
	Z		UNKNOWN
			REPLACED POSITION INDICATOR. RETESTED-FUN-

REPLACED POSITION INDICATOR. RETESTED-FUN-CTIONED PROPERLY

FACILITY	EVENT/REPT DATES (COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	7809071500 781010		CRDM-C13 783B0067	CRDM-C013, GROUP 1-ROD8, BLOWS PHASE FUSES.
	Z			SHORTED PIN IN STATOR CONNECTOR.
				STRAIGHTENED PINS IN STATOR CONNECTOR. CRDM THEN OPERATED SATISFACTORILY.
FPCCRP3	780907 7809071500 781121		CRDM-C19 784B0153	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAILED TO FUNCTION CORRECTLY.
	Z			UNKNOWN
				REPLACED POSITION INDICATOR. RETESTED-FUN- CTIONED PROPERLY
FPCCRP3	780907 7809071500 781121		CRDM-C20 78480154	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAILED TO FUNCTION CORRECTLY.
	Z			инкномн
				REPLACED POSITION INDICATOR. RETESTED-FUN- CTIONED PROPERLY
FPCCRP3	780907 7809071500 781121		CRDM-C30 784B0155	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAILED TO FUNCTION CORRECTLY.
	Z			пикиоми
				REPLACED POSITION INDICATOR, RETESTED-FUN- CTIONED PROPERLY

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	7809071500 781121		CRDM-C43 78480158	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAI' TO TO FUNCTION CORRECTLY.
	Z			UNKNOWN
				REPLACED POSITION INDICATOR. RETESTED-FUN- CTIONED PROPERLY
FPCCRP3	7809071500 781121		CRDM-C45 784B0160	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAILED TO FUNCTION CORRECTLY.
	Z			UNKNOWN
				REPLACED POSITION INDICATOR. RETESTED-FUN- CTIONED PROPERLY
FPCCRP3	7809071500 781121		CRDM-C56 78480162	DURING SP-102, CONTROL ROD DROP TIME TESTS, POSITION INDICATOR FAILED TO FUNCTION CORRECTLY.
	z			UNKNOWN
				REPLACED POSITION INDICATOR. RETESTED-FUN- CTIONED PROPERLY
FPCCRP3	780907 7809071600 781120 780929 H		CFV-15F 784B0167	DURING PERFORMANCE OF SURVEILLANCE PRO- CEDURE SP 417 ,A CLOSE POSITION INDICATION WAS NOT RECEIVED IN THE CONTROL ROOM WHEN CFV-15 WAS COMMANDED TO CLOSE. TROUBLESHOOTING, VALVE OPERATOR REVEALED A
				FAULTY TORQUE SWITCH.
				REPLACED TORQUE SWITCH, VALVE THEN OPERAT- ED SATISFACTORY.

FACILITY	EVENT/REPT DATES C	OMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	780910 7809101200 781121 Z		CRDM-C37 784B0156	DURING SURVEILLANCE TESTING, POSITION INDICATOR FAILED TO INDICATE CORRECTLY.
				REPLACED POSITION INDICATOR. RETESTED INDICATOR-FUNCTIONED PROPERLY
FPCCRP3	780910 7809101200 781121 Z	CRDRVE RBB	CRDM-C43 78480159	DURING SURVEILLANCE TESTING, POSITION INDICATOR FAILED TO INDICATE CORRECTLY.
				REPLACED POSITION INDICATOR. RETESTED INDICATOR-FUNCTIONED PROPERLY
FPCCRP3	780913 7809130712 781120 Z			DURING SURVEILLANCE TESTING, POSITION INDICATOR FAILED TO INDICATE CORRECTLY.
				REPLACED POSITION INDICATOR. RETESTED SATISFACTORY.
FPCCRP3	7809130712 781121	CRDRVE RBB	CRDM-C37 784B0157	DURING SURVEILLANCE TESTING, POSITION INDICATOR FAILED TO INDICATE CORRECTLY.
	Z			UNKNOWN
				REPLACED POSITION INDICATOR. RETESTED INDICATOR-FUNCTIONED PROPERLY

FACILITY	EVENT/REPT DATES C	OMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	7809130712 781121		CRDM-C46 78480161	DURING SURVEILLANCE TESTING, POSITION INDICATOR FAILED TO INDICATE CORRECTLY.
	Z			UNKNOWN
				REPLACED POSITION INDICATOR. RETESTED INDICATOR-FUNCTIONED PROPERLY
FPCCRP3	780918 7809182130 781010 780918 H		CRDM-C07 783B0066	ROD FAILED TO MOVE WHEN IT WAS COMMANDED TO MOVE
	760716 H			TO THE CONTROL ROD.
				PLANT WAS BROUGHT DOWN FROM MODE 2 TO MODE 5, DEPRESSURIZED. ROD WAS THEN RECOUPLED TO THE LEADSCREW. ROD THEN FUNCTIONED NORMALLY.
FPCCRP3	780927 7809270645 781120 Z		DPC-5 784B0144	BATTERY CHARGER E KEEPS TRIPING.
				HIGH VOLTAGE SHUTDOWN CARD KBC2136A WAS FOUND TO BE DEFECTIVE.
				REPLACED HIGH VOLTAGE SHUTDOWN CARD AND CLEANED LEAD CONNECTIONS.ALSO REPLACED'A' PHASE CONTROL CARD.
FPCCRP3	781018 7810201420 781120 D		AHF-1C 784B0146	FAN BEARINGS SHOWED SIGNS OF DETERIORATION WHEN TESTED FOR EXCESSIVE VIBRATION. FAN WAS TAKEN OUT OF SERVICE. THIS FAN IS A REACTOR BUILDING COOLING FAN. BEARINGS FAILED DUE TO UNKNOWN REASONS.
				REMOVED BEARINGS, DISCONNECTED COUPLINGS, SCREENS, INST. LINES, AND LUBRICATION LINES. REPLACED NEW BEARINGS, RECONNECTED LINES, SCREENS, ETC., REALIGNED COUPLINGS. FAN SAT.

FACILITY	EVENT/REPT DATES C	OMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
FPCCRP3	781018 7810180200 781120			WHILE PERFORMING SURVEILLANCE PROCEDURE SP-340, MUV-58 WOULD NOT CLOSE
	z			VALVE WOULD NOT CLOSE DUE TO A FAULTY TORQUE SWITCH.
				REPACED TORQUE SWITCH. VALVE THEN TESTED SATISFACTORY.
FPCCRP3	7810241200 781120	FILTER SCB		CHARCOAL SAMPLE CANNISTER FOR FILTER BANK AHFL-2A DID NOT MEET ACCEPTANCE CRITERIA OF METHYL IODIDE REMOVAL EFFICIENCY OF
	Z			95 PERCENT. RECENT REFUELING ACTIVITIES CREATED MOISTURE AND PAINT FUMES WHICH DETERIORATED THE EFFICIENCY OF THE CHARCOAL.
				REPLACED CHARCOAL FILTERS AND THEY TESTED SATISFACTORY
FPCCRP3	781104 7811041030 781120 Z		DPC-6 784B0145	BATTERY CHARGER'F'KEEPS TRIPPING.
				DEFECTIVE HIGH VOLTAGE SHUTDOWN CARD, KBC-2136A.
				REPLACED DEFECTIVE CARD.BATTERY CHARGER OPERATED SATISFACTORY.
FPCCRP3	7811212215 790108	CRDRVE RBB	CRDM-C57 784C0174	ABSOLUTE POSITION INDICATION FOR CONTROL ROD C-57 DOES NOT CHANGE WHEN MOVING THE ROD.
	Z			CONTACTS OF POSITION INDICATOR'S REED SWITCH WERE STUCK.
				A VARIABLE A.C. FREQUENCY WAS APPLIED TO THE POSITION INDICATOR TO ALIGN MAGNET-IC FIELD. POSITION INDICATOR THEN FUNCTIONED PROPERLY.

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
MECTMI 1			1P-480V BUS 743 0070	WHEN THE DV DEVICE FOR THE 1P 480V BUS ARE TESTED THEY DO NOT PRINT OUT ON THE COMPUT
				ER WIRING PROBLEM FOUND AND REPAIRED
MECTMI1	740903 7409030001 740910	INSTRU IBC	63Z2B/RB3A 743 0074	INDICATION LIGHT DOES NOT COME ON
				DIRTY CONTACT CLEANED CONTACTS
MECTMI 1	740903 7409030001 740910		63Z2B/RC3A 743 0073	INDICATION LIGHT DOES NOT COME ON
				DIRTY CONTACT CLEANED CONTACTS
MECTMI1	740911 7409110001 740913	MOTORX SCC	BS-V-1B 743 0071	BLDWS CONTROL FUSES WHEN OPENING WITH T54 RBB SWITCH IN TEST2 & TEST3 POSITIONS.
				REMOVED EXTRA WIRE LEFT THERE DURING CONSTRUCTION.

FACILITY	EV_AT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
MECTMI1	740918 7409180001 740921	ANNUNC	FS-241-ABC 744 0010	RX BLDG COOLING EXCESS CONDENSATE FLOW ALARMS
				REMOVED GLASS CLEAN AND CHECKED ALARM POINTS WITH CONTROL ROOM
MECTMI1	740919 7409190001 740921		RTM RPS-C 743 0075	FAULTY TEST TRIP CHANNEL 4
				REPLACE SWITCH
MECTMI1	740926 7409260001 740927		CRC-56 743 0076	METER AND RECORDER DO NOT AGREE.
				PH TO CURRENT CONVERTOR REPLACED AND CALIBRATED BOTH CONVERTOR AND RECORDER
MECTMI1	750523 7505230000 750701	MOTORX	DRPM1B 754 0230	DR-P-18 MOTOR SHAFT IS SHEARED AT THE END BELL HOUSING ON THE DRIVE END OF MOTOR

REPLACE SHAFT

FACILITY	EVENT/REPT DATES C	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
MECTMI1	750530 7505301600 750701	MOTORX	DRPM1A 754 0229	LOWER END BRACKET (ENDBELL) IS CRACKED AND REQUIRES REPLACEMENT
				END BRACKED REPLACED
MECTMI1	751113 7511130000 760110	CRDRVE	CRDM #25 754 0226	BAD STATOR \$ B CABLE ON MECH #25
				REPLACED STATOR \$ B CABLE
MECTMI1	751113 7511130000 760110			BAD STATOR \$ B CABLE ON MECH 7
				REPLACED BAD STATOR \$ CABLE
MECTMI1	751121 7511210200 760110		CRDM #31 754 0227	CRDM#31 STATOR HAS LOW INSULATION RESISTAN CE

REPLACED STATOR ON MECH #31 ALSO CABLE B

FACILITY	EVENT/REPT DATES		EQUIPMENT# SEQUENCE#	DESCRIPTION
771022111 771028	7710221110		MU V 0014B 774A0313	WHILE PERFORMING ES TESTING MU V 0014B FAI LED TO OPERATE AND TRIPPED ITS THERMAL OVE RLOAD DEVICES. THE VALVE WAS OPERATED MANU ALLY. THE CAUSE OF FAILURE WAS DUE TO BROKEN MOUNTING BOLTS LODGED IN MOTOR WINDINGS.
				THE MOTOR WAS REMOVED AND A NEW MOTOR INST ALLED AND TESTED SATISFACTORILY.
SMURSS 1	760108		SFV-53604 761 0027	EXCESSIVE AIR LEAKAGE FOR REACTOR BUILDING PURGE OUTLET VALVE WAS DETECTED DURING SUR VEILLANCE TESTING
7509	750925 H			VALVE SEATS ON 66 INCH VALVE HAD BEEN IMPR OPERLY ADJUSTED
				READJUSTED VALVE SEAT AND RETESTED.
SMURSS 1	7509110331 760108	VALVEX SCB	SFV-53604 761 0028	EXCESSIVE LEAKAGE THRU VALVE DURING SURVEI
	Z			VALVE SEAT ON 66 INCH VALVE HAD BEEN IMPROPERLY ADJUSTED
				REPLACED VALVE SEAT
SMURSS1	7512311930 760910	VALVEX	PSV-20004 763 0588	RELIEF VALVE LEAKING THRU AND WILL NOT SEA T LEAK TIGHT
	Z			UNKNOWN
				DISASSEMBLED VALVE, LAPPED SEAT, BENCH TES

DISASSEMBLED VALVE, LAPPED SEAT, BENCH TESTED, RESET TO 300 PSIG AND REINSTALLED

FACILITY	EVENT/REPT DATES	COMPVS	EQUIPMENT# SEQUENCE#	DESCRIPTION
SMURSS 1	761312		::V-26106 761 5071	DURING SURVEILLANCE TESTING EMERGENCY SUMP SUCTION VALVE FAILED TO OPEN ON COMMAND
	7 304 H			CAUSE OF FAILURE WAS EITHER DUE TO PACKING BEING TOO TIGHT OR VALVE DISC STICKING IN THE SEAT
				VALVE WAS MANUALLY OPENED FOR A PORTION OF THE STROKE WHICH ALLEVIATED THE PROBLEM
SMURSS 1	761009 7610091505 761206			VALVE LEAKING BETWEEN BODY AND BONNET
	D			POOR QA AT MANUFACTURER VALVE BODY SEAL AR EA LARGER THAN STANDARD SIZE SEAL GASKET
				FABRICATED AND INSTALLED LARGER SEAL RING
SMURSS 1	761029	00 EBE-03		DURING TEST OF FIRE PROTECTION SYSTEM EMER GENCY SUPPLY FAN WAS STARTED AND COULD NOT BE STOPPED FROM REMOTE CONTROL
	Z			AUXILIARY CONTACTS ON CLOSING COIL FOR BRE AKER WERE BINDING AND WOULD NOT RELEASE COIL
				REPLACED AUXILIARY CONTACT SET, TESTED AND RETURNED TO SERVICE
SMURSS1	7707261100 771219	VALVOP CBD-02	SFV-70001-L 774B0407	THE INSIDE CONTAINMENT ISOLATION VALVE ON THE SAMPLE LINE FAILED TO CLOSE
	771220 H			THE VALVE WOULD NOT CLOSE DUE TO A FAILED MOTOR OPERATOR
				REPLACED MOTOR

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
SMURSS	7709211400 771219		SFV-53504 774B0404	LLRT WAS BEING PERFORMED AND EXCESSIVE LEA KAGE WAS NOTICED
	771219 H			DEGRADATION OF VALVE SEAT WAS CAUSE OF LEAKAGE
				INSTALLED NEW VALVE SEAT AND RETESTED
SMURSS 1	7709211400 771219	VALVEX SCB	SFV-53605 774B0405	LLRT WAS BEING PERFORMED AND EXCESSIVE LEA KAGE WAS NOTICED
	771219 H	•		DEGRADATION OF VALVE SEAT WAS CAUSE OF LEAKAGE
				INSTALLED NEW VALVE SEAT AND RETESTED
77		SFF	SFV-25003-L 77480406	SEVERE WEAR WAS DISCOVERED IN THE MOTOR OP ERATOR CLUTCH ASSEMBLY OF SFV-25003-L
	771031 D			UNKNOWN-INVESTIGATION IS IN PROGRESS
				INSTALLED NEW GEARS AND CLUTCH
SMURSS1	771101 7711010930 771219 771129 H	SUPORT CBD-01	SS-17 774B0402	DURING SURVEILLANCE INSPECTION, FOUND FLUI D ACCUMULATOR FOR SNUBBER DRY
				A LEAKING O RING WAS THE CAUSE OF THE EMPT Y ACCUMULATOR
				THE ACCUMULATOR WAS REBUILT AND RETURNED TO SERVICE

FACILITY	EVENT/REPT DATES C	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
SMURSS 1	771116 77111,1715 771.19 71209 H	VALVEX	HV-21515 774B0403	EXCESSIVE LEAKAGE FROM RCS. FOUND LEAKAGE TO DE FROM PACKING GLAND OF HV-21515
	7 1209 H			UNKNOWN
				BACKSEATED VALVE TO STOP LEAKAGE
SMURSS 1	7805210300 780710		HV-21505 783A0358	DURING OPERATION THE PRESSURIZER CODE SAFE TY DEVELOPED LEAKAGE AND THE LEAKAGE CONTI- NUED IN SEVERITY UNTIL REPAIR WAS REQUIRED
	780705 H			LEAKAGE THRU SEAT OF VALVE
				POLISHED AND RELAPPED VALVE SEAT
SMURSS 1	780710		PSV-21506 783A0359	DURING OPERATION THE PRESSURIZER CODE SAFE TY DEVELOPED LEAKAGE AND THE LEAKAGE CONTI NUED IN SEVERITY UNTIL REPAIR WAS REQUIRED
	780705 H			LEAKAGE THRU SEAT OF VALVE
				POLISHED AND RELAPPED VALVE SEAT
SMURSS 1	7805210800 780710		PSV-21507 783A0360	DURING OPERATION THE PRESSURIZED SAFE TY DEVELOPED LEAKAGE AND THE LEAKAGE CONTI- NUED IN SEVERITY UNTIL REPAIR WAS REQUIRED
	780705 H			LEAKAGE LARU SEAT OF VALVE
Marine Total Control				DOLTOUED AND DELADDED WALVE SEAT

POLISHED AND RELAPPED VALVE SEAT

FACILITY	EVENT/REPT DATES	COMP/SYS	EQUIPMENT# SEQUENCE#	DESCRIPTION
SMURSS 1	780622 7806220300 780629 780628 H		P261B 782C0181	WHILE IN CSD WITH DHR SYS A IN SERVICE, EX CESSIVE LEAKAGE WAS NOTED FROM THE PUMP SE AL
				UPON DISASSEMBLY OF THE PUMP SEAL NOTHING UNUSUAL WAS NOTED, CAUSE OF LEAKAGE IS UNK NOWN
				REPLACED PUMP SEAL
SMURSS 1	781024 7810241150 781106 781106 H		GEA 784B0460	DURING STEADY STATE OPERATION A DIESEL GEN ERATOR, OPERABILITY OF THE A DIESEL GENERA TOR WAS LOST. LOSS WAS DUE TO PROBLEMS WIT H THE VOLTAGE REGULATOR. PRIMARY FUSES ON THE CONTROL POWER CIRCUIT FOR THE VOLTAGE REGULATOR HAD FAILED.

FUSES WERE REPLACED, THE UNIT TESTED AND R ETURNED TO SERVICE.