



SACRAMENTO MUNICIPAL UTILITY DISTRICT □ P. O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211  
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

GCA 87-044

MAY 18 1987

REGION V I&E

J. B. Martin Regional Administrator  
Region V Office of Nuclear Reactor Regulations  
U. S. Nuclear Regulatory Commission  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596

Docket No. 50-312  
Rancho Seco Nuclear Generating Station Unit #1  
License No. DPR-54  
SPECIAL REPORT NUMBER 87-06, FIRE BARRIERS BREACHED MORE THAN SEVEN DAYS

Dear Mr. Martin:

The Sacramento Municipal Utility District hereby submits Special Report No. 87-06 in accordance with Rancho Seco Nuclear Generating Station Technical Specifications, Section 3.14.6.2 and 6.9.5.E. This report provides an updated list of non-functional fire barriers which have not been restored to functional status within seven (7) days.

All items mentioned as "open items" on breached barriers are included here, and will be updated in subsequent revisions to this Special Report.

The District has evaluated each non-functional fire barrier against the requirements of Technical Specification 3.14.6 and has verified that the proper fire watch has been established.

Those breaches listed with "ENG EVALUATION" in the "PLAN TO REPAIR" column, require additional design or engineering work. The forecasted completion dates provided for these breaches reflect only the completion of the engineering work. Once the engineering work has been completed, the implementation of the design will be scheduled.

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J B MARTIN

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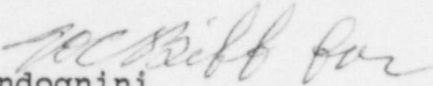
Penetration 141A205A was reported breached and overdue in Special Report's 87-02, 87-04 and 87-05. This item has been deleted from this month's report because the penetration was never breached. Initiation of the work is contingent upon completion of the Decay Heat Outage which is presently underway.

Penetrations 17-31 AI, 31-32 AH and 36-71 AA were reported breached and overdue for repair in Special Report 87-05. These items have been deleted from this month's report because the penetrations were never breached. Initiation of the work is contingent upon completion of the Decay Heat Outage which is presently underway.

Since the last Special Report (87-05), 135 breaches have been repaired. Currently, there are 52 breaches still open and past the forecasted close date. An additional 30 breaches were added during this period. The District is expediting the remaining breach repairs to support restart.

If there are any questions concerning this report, please contact Mr. Ron Colombo at (916) 452-3211, extension 4236.

Sincerely,

  
G. Carl Andognini  
Chief Executive Officer,  
Nuclear

Attachments

cc: NRR

ATTACHMENT TO THE NRC SPECIAL REPORT  
BREACHED FIRE BARRIER

PENETRATION NUMBER	PENE. TYPE	LCB NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
FD-001A	DAMP	86-00848	A. BREACHED PER SURVEILLANCE.	WR 117204	08/11/86	06/30/87	05/06/87
FD-002A	DAMP	86-00735	A. INOPERABLE PER SURVEILLANCE.	WR 132657	07/11/86	06/30/87	/ /
FD-006N	DAMP	86-00796	A. INOPERABLE PER SURVEILLANCE.	EDN R1811	07/28/86	08/01/87	/ /
FD-009N	DAMP	86-00757	A. INOPERABLE PER SURVEILLANCE.	EDN R1811	07/21/86	08/01/87	/ /
FD-016A	DAMP	86-00545	A. NEED DAMPER INSTALLED.	WR 112119	04/23/86	04/30/87	04/30/87
FD-016N	DAMP	86-00748	A. INOPERABLE PER SURVEILLANCE.	EDN R1811	07/17/86	08/01/87	/ /
FD-017A	DAMP	86-00546	A. NEED DAMPER INSTALLED.	WR 112119	04/23/86	04/30/87	04/30/87
FD-022N	DAMP	86-00764	A. INOPERABLE PER SURVEILLANCE.	EDN R1630	07/23/86	06/01/87	/ /
FD-023N	DAMP	86-00789	A. INOPERABLE PER SURVEILLANCE.	EDN R1811	07/28/86	08/01/87	/ /
FD-024N	DAMP	86-00835	A. FIRE DAMPER FD-24N IS BREACHED PER SP201.03M.	EDN R1811	08/06/86	08/01/87	/ /
FD-025N	DAMP	86-00788	A. INOPERABLE PER SURVEILLANCE.	ENG EVALUATION	07/28/86	08/01/87	/ /
FD-027N	DAMP	86-00763	A. INOPERABLE PER SURVEILLANCE.	EDN R1630	07/23/86	06/01/87	/ /
FD-031N	DAMP	86-00832	A. FIRE DAMPER FD-31N IS BREACHED PER SP 201.03M.	EDN R1811	08/05/86	08/01/87	/ /
FD-033N	DAMP	86-00798	A. INOPERABLE PER SURVEILLANCE.	EDN R1811	07/28/86	08/01/87	/ /
FD-034N	DAMP	86-00769	A. INOPERABLE PER SURVEILLANCE.	EDN R1630	07/23/86	06/01/87	/ /
FD-039N	DAMP	86-00838	A. FIRE DAMPER FD-39N IS BREACHED PER SP 201.03M.	WR 113372	08/06/86	04/30/87	/ /
FD-043N	DAMP	86-00747	A. INOPERABLE PER SURVEILLANCE.	WR 118391	07/16/86	04/30/87	/ /
FD-048N	DAMP	86-00772	A. INOPERABLE PER SURVEILLANCE.	EDN R1630	07/24/86	06/01/87	/ /
FD-050N	DAMP	86-00836	A. FIRE DAMPER FD-50N IS BREACHED PER SP 201.03M.	EDN R1630	08/06/86	06/01/87	/ /
AU-103	DOOR	87-00747	A. OPEN DOOR TO RUN TEST EQUIPMENT.	WR 131465	03/31/87	05/30/87	/ /
AU-114	DOOR	87-00836	A. REPLACE AND ADJUST DOOR LATCH.	WR 122276	04/13/87	06/30/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCD NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
AU-118	DOOR	87-00815	A. ASTRAGAL IS LOOSE AND NEEDS FIXED.	WR 132655	04/10/87	05/22/87	/ /
AU-123	DOOR	86-00385	A. INOPERABLE PER SURVEILLANCE. B. INOPERABLE PER SURVEILLANCE.	WR 118463	02/14/86	05/30/87	/ /
AU-124	DOOR	87-00835	A. REPAIR DAMAGE TO BOTTOM OF DOOR.	WR 122278	04/13/87	06/30/87	/ /
AU-127	DOOR	86-01252	A. DOOR BREACHED TO RUN POWER CABLE FOR WELDER.		11/26/86	05/30/87	/ /
AU-131	DOOR	87-00864	A. FIRE DOOR IS DAMAGED, ACTIVE LEAF WILL NOT LATCH.	WR 118727	01/07/87	05/31/87	/ /
AU-201	DOOR	87-00748	A. OPEN DOOR TO RUN TEST EQUIPMENT.	WR 131465	03/31/87	05/05/87	/ /
AU-207	DOOR	87-00814	A. DOOR DOES NOT CLOSE AND LATCH COMPLETELY. B. RUBBER STOPS IN FRAME DAMAGED.	WR 132654	04/10/87	05/21/87	/ /
AU-301	DOOR	86-00409	A. INOPERABLE PER SURVEILLANCE.	WR 118461	02/28/86	05/31/87	/ /
AU-334	DOOR	86-00413	A. INOPERABLE PER SURVEILLANCE. B. INOPERABLE FOR MODIFICATIONS. C. INOPERABLE FOR MODIFICATIONS.	WR 112987	02/28/86	05/31/87	/ /
AU-344	DOOR	87-00642	A. DOOR CLOSER DOES NOT CLOSE THE DOOR COMPLETELY.	WR 118779	02/06/87	05/30/87	03/13/87
AUB-011	DOOR	87-00733	B. DOOR IS BREACHED DUE TO LOOSE HINGES FOUND DURING SP1003.	WR 132667	03/26/87	05/30/87	/ /
AUB-013	DOOR	86-01253	A. DOOR BREACHED TO RUN POWER CABLE FOR WELDER.		11/26/86	05/30/87	/ /
AUR-001	DOOR	87-00756	A. VARIOUS REPAIRS TO MAKE THE DOOR AN OPERABLE FIRE BARRIER.	WR 122273	04/01/87	05/05/87	/ /
ELEV #1	DOOR	86-00395	A. INOPERABLE PER SURVEILLANCE.	WR 118465	02/18/86	05/30/87	/ /
ELEV #1	DOOR	86-00417	A. INOPERABLE PER SURVEILLANCE.	WR 118465	03/01/86	05/30/87	/ /
ELEV #2	DOOR	86-00368	A. INOPERABLE PER SURVEILLANCE.	WR 118462	02/15/86	05/30/87	/ /
ELEV #4	DOOR	86-00426	A. INOPERABLE PER SURVEILLANCE.	WR 118464	03/05/86	05/30/87	/ /
ELEV #4	DOOR	86-00433	A. INOPERABLE PER SURVEILLANCE.	WR 118464	03/05/86	05/30/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
ELEV #4	DOOR	86-00435	A. INOPERABLE PER SURVEILLANCE.	WR 118464	03/06/86	05/30/87	/ /
NS 238	DOOR	87-00852	A. REPAIR BROKEN DOOR LATCH.	WR 130187	04/15/87	06/30/87	/ /
NS-863	DOOR	87-00910	A. CLOSER DOES NOT LATCH DOOR.	WR 132659	04/25/87	06/30/87	/ /
NS-158	DOOR	87-00879	A. DOOR NS-158 CLOSING MECHANISM ON NSEB GRADE LEVEL DOES NOT FUNCTION.	WR 132658	04/20/87	06/30/87	/ /
NS-235	DOOR	87-00902	A. REPAIR DAMAGED ASTRAGAL ON ACTIVE LEAF.	WR 121974	04/23/87	06/30/87	/ /
NS-240	DOOR	87-00757	A. REPAIR DOOR LATCH AND CLOSER.	WR 122274	04/01/87	05/05/87	/ /
01-02 AA	ELEC	87-00618	A. PULLING CABLE INTO TRAY B420A1. B. PULL CABLE INTO TRAY M45P02.	WR 124872	03/06/87	06/04/87	04/17/87
01-02 AB	ELEC	86-01400	A. PULL CABLE IN TO TRAY M420A2. C. PULL CABLE THRU TRAY M45P02.	WR 124872	12/12/86	04/30/87	04/17/87
01-14 AA	ELEC	87-00545	A. PULL CABLE THROUGH TRAY X45B02.	WR 128586	02/27/87	06/04/87	04/17/87
01-14 AB	ELEC	87-00813	A. PULL CABLE THRU TRAY X45B01.	WR 127146	04/10/87	06/30/87	04/20/87
01-17 AA	ELEC	86-00663	A. SEAL NEEDS TO BE UPGRADED. E. PULL CABLE THRU H8FS43. G. DELETE 1 CABLE FROM H8FS43.	WR 124872	06/10/86	05/15/87	05/03/87
01-17 AC	ELEC	87-00793	A. DELETE CABLE FROM H8FS41.	WR 122887	04/08/87	06/30/87	/ /
01-17 AD	ELEC	87-00559	B. DELETE 3 CABLES FROM FLOOR SLOT H8FS40.	WR 128586	02/28/87	06/04/87	04/26/87
01-17 AE	ELEC	86-00662	A. SEAL NEEDS TO BE UPGRADED. B. REMOVE CABLE 1R1PD01B, INSTALL A-54155 CONDUIT.	WR 124872	06/10/86	05/15/87	04/22/87
01-17 AG	ELEC	87-00094	A. PULL CABLE INTO TRAYS.	WR 124872	01/10/87	04/30/87	04/23/87
01-17 AH	ELEC	87-00388	A. PULL CABLE THRU TRAY X45V17. B. PULL 2 CABLES OUT FROM TRAYS 745V16 AND 744VM1. C. DELETE CABLE FROM TRAYS 744VM1 AND 745V16. D. DELETE CABLE FROM TRAYS 744VM1 AND 745V16.	WR 124872	02/07/87	05/15/87	04/13/87

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BREACHED FIRE BARRIER

PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORCAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
			E. REMOVE 1 CABLE FROM TRAYS 744VM1 AND 745V16. F. DELETE 3 CABLES FROM TRAYS 745V16 AND 744VM1. G. PULL CABLE THROUGH TRAY 744VM1 AND 745V16.				
01-17 BA	ELEC	86-01143	A. INSTALL CONDUIT L44220 THRU FS H8FS44.	WR 124872	11/11/86	04/30/87	05/06/87
01-17 BE	ELEC	87-00609	A. DELETE ONE CABLE FROM FLOOR SLOT H9FS28.	WR 109343	03/04/87	06/04/87	05/05/87
01-17 BG	ELEC	87-00575	A. DELETE 1 CABLE FROM FLOOR SLOT H8FS25.	WR 124872	03/02/87	06/04/87	/ /
01-17 BH	ELEC	87-00138	A. PULL CABLE IN TO TRAY L44VG1. B. PULLING CABLE INTO H8FS24.	WR 124884	01/15/87	06/15/87	04/22/87
01-17 BN	ELEC	87-00546	A. PULL CABLE THROUGH H8FS47. B. PULL CABLE THROUGH X44VA7.	WR 128586	02/27/87	06/04/87	04/21/87
01-20 AA	ELEC	87-00129	D. PULLBACK OF CABLE FOR SPARE FROM TRAY M45V10.	WR 124872	01/14/87	06/15/87	/ /
01-20 AB	ELEC	87-00503	D. DELETE 1 CABLE FROM TRAY 745V12.	WR 124872	02/24/87	06/04/87	/ /
01-20 AG	ELEC	87-00133	A. PULL CABLE THRU PNL H45DA.	WR 124884	01/14/87	06/15/87	/ /
01-20 AH	ELEC	87-00440	A. DELETE CABLE FROM SLEEVE 744401. B. REMOVE CABLES FROM SLEEVE 744403.	WR 125019	01/17/87	06/04/87	04/13/87
01-20 AI	ELEC	87-00441	A. DELETE 5 CABLES FROM SLEEVE 744402.	WR 125019	02/17/87	06/04/87	04/13/87
02-20 AA	ELEC	87-00465	A. PULL CABLE THRU TRAY M42V1.	WR 124872	02/19/87	06/04/87	04/21/87
02-20 AB	ELEC	87-00528	C. PULL CABLE INTO B401V01 AND B42V1. D. PULLING CABLE INTO B42V1. E. DELETE 1 CABLE FROM TRAY B41V01 AND B42V1.	WR 124872	02/26/87	06/04/87	04/21/87
02-85/4 AA	ELEC	87-00377	A. PULL CABLE THRU 781BA1.	WR 124875	02/07/87	06/15/87	/ /
02-85/4 AC	ELEC	87-00820	A. TEMPORARY PIPE THRU FIRESTOP.	WR 132603	04/11/87	/ /	05/04/87

ATTACHMENT TO THE NRC SPECIAL REPORT  
BREACHED FIRE BARRIER

PENETRATION NUMBER	PENE. TYPE	LCD NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
05-25 AA	ELEC	87-00526	A. PULL CABLE THRU TRAY X45V15.	WR 125568	02/26/87	06/04/87	/ /
15-16 AC	ELEC	87-04307	A. PULL CABLE THRU TRAY 744AH2. B. PULL CABLE THRU TRAY 744AH2 AND 750AF2.	WR 121805	01/30/87	05/30/87	05/07/87
15-71/2 AA	ELEC	87-00308	A. PULL CABLE THRU TRAY 744AF2. B. PULL CABLE THROUGH TRAY 750AF2.	WR 121805	01/30/87	05/30/87	/ /
15-71/3 AA	ELEC	86-00501	A. SEAL NEEDS UPGRADED.	EDN R0838	03/26/86	08/01/87	/ /
15-71/3 AB	ELEC	86-00511	A. SEAL NEEDS UPGRADED.	WR 128467	03/31/86	05/30/87	05/08/87
15-71/3 AC	ELEC	86-00500	A. SEAL NEEDS UPGRADED.	EDN R0838	03/26/86	08/01/87	/ /
15-71/3 AD	ELEC	86-00512	A. SEAL NEEDS UPGRADED.	WR 128467	03/31/86	05/31/87	/ /
16-17 AA	ELEC	86-01366	A. INSTALL CONDUIT P44017 THROUGH PENETRATION 16-17 AA. B. CABLE PULL THROUGH TRAY L44BF1. C. PULL CABLE THRU TRAY L44BF1.	WR 124858	12/09/86	04/30/87	05/08/87
16-17 AB	ELEC	86-01551	B. ROUTE TWO CABLES IN TRAY THROUGH PENETRATION. C. PULL TEMPORARY CABLE FROM PANEL SOE TO SOF. D. CABLE PULL THROUGH TRAY X44BK3. E. PULL CABLE THROUGH TRAY X44BK3.	WR 109297	12/24/86	06/15/87	05/08/87
16-17 AC	ELEC	86-01550	B. CABLE PULL THRU TRAY L44BT1. C. PULL CABLE THRU TRAY L44BT1. D. PULLING NEW CABLES IN TRAY 744BS4. E. PULL CABLE THRU TRAY L44BS1.	WR 109297	12/31/86	06/15/87	05/07/87
16-17 AE	ELEC	86-01402	K. CABLE PULL THROUGH TRAY A44AZ5. O. PULL CABLE INTO TRAY A44AK5. T. PULL CABLE THRU TRAY L44AJ6.	WR 124872	12/12/86	05/30/87	05/07/87
16-29 AA	ELEC	86-01549	B. ROUTE TWO CABLES IN TRAY THROUGH PENETRATION. C. PULLING NEW CABLES IN TRAY 744BE4. D. CABLE PULL THROUGH TRAY X44BE7. E. CABLE PULL THROUGH TRAY X44BE3. F. CABLE PULL THROUGH TRAY X44BF3.	WR 109297	12/24/86	06/15/87	/ /
17-18 AB	ELEC	87-00337	A. CABLE PULL THROUGH TRAY 744CE2.	WR 109331	02/04/87	06/15/87	/ /

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BREACHED FIRE BARRIER

PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
			B. PULL NEW CABLE INTO 744CE2. D. DELETE CABLES FROM TRAY L44CE3. F. DELETE CABLE 1M1A1028. G. PULL CABLE THRU TRAY 744CE2.				
17-18 AC	ELEC	87-00304	D. DELETE CABLE FROM TRAY 744A05.	WR 124872	01/30/87	06/15/87	/ /
17-18 AE	ELEC	87-00132	B. PULL CABLE THRU TRAY L44AE1.	WR 124872	01/14/87	04/30/87	/ /
17-20 AC	ELEC	86-01435	B. ROUTE CABLES IN TRAY 744AX3. L. DELETE CABLE FROM TRAYS 744AX4 AND 744AW4. M. DELETE CABLE FROM TRAY 744AW5.	WR 124872	12/15/86	06/15/87	/ /
17-29 AA	ELEC	87-00131	A. PULL CABLE THRU TRAY L44K1. B. PULL CABLE THRU TRAY L44K1.	WR 124884	01/14/87	06/15/87	/ /
17-29 AD	ELEC	87-00130	C. PULL CABLE THRU TRAY L44AD1.	WR 124872	01/14/87	05/15/87	04/13/87
17-31 AA	ELEC	86-00510	A. SEAL NEEDS UPGRADED.	EDN R0838	03/2v/86	08/01/87	/ /
17-31 AB	ELEC	86-00509	A. SEAL NEEDS UPGRADED.	EDN R0838	03/26/86	08/01/87	/ /
17-31 AC	ELEC	87-00297	B. PULL CABLE THRU TRAY 743V75.	WR 124872	01/29/87	05/15/87	/ /
17-31 AD	ELEC	87-00327	A. PULL CABLE THRU TRAY 743V81. B. DELETE 3 CABLES FROM CABINET H3CRP.	WR 124872	02/03/87	05/15/87	04/13/87
17-31 AE	ELEC	87-00329	A. PULL CABLE THRU TRAY 743V81. B. REMOVE 3 CABLES FROM CABINET H3CRR.	WR 124872	02/03/87	05/15/87	04/28/87
17-31 AF	ELEC	87-00505	A. REMOVE 2 CABLES FROM CABINET H4ARA.	WR 124872	02/24/87	06/04/87	04/14/87
17-31 AK	ELEC	87-00328	A. PULL CABLE THRU TRAY 743V81.	WR 124872	02/03/87	05/15/87	04/28/87
17-31 AM	ELEC	87-00066	A. PULL CABLE THRU TRAY L43U1. B. PULL CABLE THRU TRAY L44B46. C. PULL CABLE THRU TRAY A43V1. D. PULL CABLE THRU TRAY L43V1. E. REMOVE CABLE 1M1A102D FROM ZONE 13 TRAY L43V1 AND ZONE 37 TRAY L43V1. F. PULL CABLE THRU TRAY L43V1. G. CABLE PULL TRAY A43V1. H. PULL TWO CABLES FROM TRAY L43V1. I. PULL CABLE INTO TRAY A43V1. J. PULL CABLE THRU TRAY L43V1. K. DELETE 1 CABLE FROM TRAYS L43V1 AND	WR 124872	01/08/87	04/30/87	/ /

ATTACHMENT TO THE WRC SPECIAL REPORT  
BREACHED FIRE BARRIER

PENETRATION NUMBER	PENE. TYPE	LCD NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORCAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
			L43004.				
17-70 AA	ELEC	86-01213	A. INSTALL CONDUITS P81047 AND C81273. B. PULL CABLE IN TO CONDUIT L81049. C. PULL CABLE IN TO CONDUIT A81064. E. CABLE PULL THROUGH CONDUIT L81049. I. PULL CABLE INTO A81064. J. PULL CABLE THRU CONDUIT. K. PULL CABLE THRU CONDUIT L81049.	WR 124872	11/20/86	04/30/87	/ /
18-19 AA	ELEC	86-01269	A. INSTALL NEW RACEWAY. B. PULLING CABLES INTO CONDUIT X39105.	WR 128511	12/01/86	04/30/87	05/01/87
18-19 AC	ELEC	87-00417	A. PULL CABLE THRU TRAY 739862.	WR 104415	02/19/87	06/04/87	04/27/87
18-31 AA	ELEC	87-00022	A. INSTALL CONDUIT P39015. B. DELETE CABLE 1M1A102B.	WR 124858	01/05/87	04/30/87	04/30/87
18-31 A1	ELEC	87-00394	D. DELETE CABLE FROM TRAY 743BL2.	WR 121647	02/09/87	06/15/87	/ /
18-31 AE	ELEC	87-00689	A. CABLE PULLED THRU FOAM NOT RESEALED.	WR 118446	03/19/87	06/30/87	/ /
18-31 AG	ELEC	87-00178	A. CABLE PULL THROUGH TRAY L39V4. B. PULL CABLE THRU TRAY L39V3. C. PULL CABLE THRU TRAY L39V4. D. CABLE PULL TRAY L39V3. F. DELETE 1 CABLE FROM TRAY L39V3.	WR 126287	01/17/87	06/15/87	05/06/87
18-31 AH	ELEC	87-00381	A. PULL CABLE THRU TRAY A39V1. B. PULL CABLE THRU TRAY A39V1. C. CABLE PULL TRAY A39V1. E. DELETE 1 CABLE FROM TRAY A39V1.	WR 124872	02/07/87	06/15/87	04/27/87
18-47 AB	ELEC	86-01268	A. INSTALL NEW RACEWAY. B. PULLING CABLES INTO CONDUIT.	WR 128511	12/01/86	04/30/87	05/01/87
18-82 AB	ELEC	87-00764	A. DELETE 1 CABLE FROM TRAYS L39AA3 AND L81A3 AND TRAYS A39AA1 AND A81A1.	WR 124872	04/02/87	06/30/87	04/27/87
19-20 AA	ELEC	87-00238	B. PULLING CABLES INTO TRAY X44AT1.	WR 128509	01/23/87	05/15/87	/ /
19-20 AB	ELEC	87-00463	A. PULL CABLE THRU TRAY M44V70. B. PULL CABLE BACK FOR SPARE FROM TRAY M44AU1.	WR 128509	02/19/87	06/04/87	/ /
19-20 AC	ELEC	87-00087	B. PULL CABLE FROM TRAY X44CX3. C. CABLE PULL THROUGH TRAY X44CX3.	WR 124875	01/09/87	05/15/87	05/05/87

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					OPEN DATE	CLOSE DATE	CLOSE DATE
19-20 AF	ELEC	87-00736	A. CABLE PULL THROUGH TRAY 744Y4.	WR 124938	03/26/87	06/30/87	05/01/87
19-20 AF	ELEC	87-00128	A. PULL CABLE THRU TRAY M41F1. B. PULL CABLE THROUGH TRAY M41E3. C. PULL CABLE THROUGH TRAY 741F2. D. CABLE PULL THROUGH TRAY M44V12. E. PULL CABLE THRU TRAY M41E3. F. DELETE 2 CABLES FROM TRAYS M44V10 AND M41F1. H. CABLE PULL THROUGH TRAY 741E2. I. PULL CABLE THRU TRAY M44V12. J. DELETE 2 CABLES FROM TRAYS M41F1 AND M44V10.	WR 124884	01/14/87	05/15/87	05/08/87
19-32 AA	ELEC	87-00668	A. CABLE PULL THROUGH TRAY 740AR3.	WR 128504	03/13/87	06/30/87	/ /
19-32 AB	ELEC	87-00464	B. DELETE 1 CABLE FROM TRAY M40AT2.	WR 124872	02/19/87	06/04/87	04/20/87
19-32 AC	ELEC	87-00086	A. CABLE PULL THROUGH TRAY X43V9. B. PULL CABLE FROM TRAY X43BK3. D. PULL CABLE THRU TRAY 743BK4. E. CABLE PULL THROUGH TRAY X43BK3.	WR 124875	01/09/87	05/15/87	04/28/87
19-32 AD	ELEC	87-00114	C. DELETE 1 CABLE FROM TRAYS 743CG3 AND 743V5. D. DELETE 1 CABLE FROM TRAYS 743CG2 AND 743V5.	WR 124872	01/13/87	05/15/87	04/22/87
19-32 AF	ELEC	87-00289	C. DELETE 1 CABLE FROM TRAYS 743AS2 AND 744V17.	WR 125567	01/28/87	06/15/87	04/17/87
19-32 AG	ELEC	87-00068	A. PULL CABLE THRU TRAY M39V2. B. DELETE CABLE FROM TRAY M39V2. C. PULL CABLE INTO TRAY M39V2.	WR 124872	01/08/87	04/30/87	04/27/87
19-32 AH	ELEC	86-01359	A. PULLING CABLES INTO TRAYS. B. CABLE PULL THROUGH TRAY B39V1. C. CABLE PULL TRAY B39V2.	WR 124872	12/09/86	04/30/87	04/06/87
20-29 AA	ELEC	87-00155	A. PULLING CABLE FROM TRAY X44CX3.	WR 121650	01/16/87	05/15/87	/ /
20-29 AB	ELEC	87-00738	A. CABLE PULL THROUGH TRAY 744X4.	WR 128523	03/26/87	06/30/87	/ /
20-32 AB	ELEC	86-00508	A. SEAL NEEDS UPGRADED.	EDN R0838	03/26/86	08/01/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCD NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
20-32 AC	ELEC	86-00507	A. SEAL NEEDS UPGRADED.	EDN R0038	03/26/86	00/01/87	/ /
20-32 AD	ELEC	86-01349	E. CABLE PULL THROUGH TRAY B41V03. H. CABLE PULL TRAY B41V03. I. PULL CABLE INTO TRAY B41V03. J. PULLING CABLE INTO TRAY B41V03. K. DELETE 1 CABLE FROM TRAYS B40BA2 AND B41V03. I. PULL CABLE INTO TRAY B41V03. J. PULLING CABLE INTO TRAY B41V03.	WR 124872	12/09/86	04/30/87	04/16/87
20-32 AE	ELEC	87-00069	A. PULL CABLE THRU TRAY M41V19. B. DELETE CABLE FOR TRAYS M40EA2 AND M41V19. C. PULL CABLE INTO TRAY M41V19. E. PULL CABLE THRU M41V19. F. DELETE 1 CABLE FROM TRAYS M40EA2 AND M41V19.	WR 124872	01/08/87	04/30/87	04/15/87
20-70 AA	ELEC	86-01214	A. INSTALL CONDUIT E81051. B. PULL CABLE IN TO CONDUIT M81149. C. CABLE PULL THROUGH CONDUIT M81149. D. PULL CABLE THRU M81149. E. PULL CABLE THRU M81149. I. PULL CABLE THROUGH TRAY M81149. J. PULL CABLE INTO TRAY M81149. K. DELETE 1 CABLE FROM CONDUIT M81149. L. PULL CABLE THRU 16" CONDUIT M81149. M. PULL CABLE THRU CONDUIT M81149. N. PULL CABLE THRU CONDUIT M81149.	WR 118958	11/21/86	04/30/87	/ /
20-70 AB	ELEC	86-01215	A. INSTALL CONDUIT D81376. B. PULL CABLE IN TO CONDUIT B81164. C. PULL CABLE B81164. F. PULL NEW CABLES. G. PULLING CABLE INTO TRAY B881164. H. DELETE 1 CABLE FROM CONDUIT B81164.	WR 119968	11/21/86	04/30/87	/ /
27-29 AA	ELEC	87-00164	A. INSTALL CONDUIT P44019-2". B. CABLE PULL THROUGH TRAY X44CJ3.	WR 122886	01/16/87	06/15/87	/ /
27-29 AB	ELEC	87-00735	A. CABLE PULL THROUGH TRAY 741BP4. B. RUN TEMPORARY AIR HOSE.	WR 128523	03/26/87	06/30/87	/ /
29-71/2 AA	ELEC	86-01174	C. RUN TEMPORARY AIR HOSE.	WR 119174	11/17/86	04/30/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
29-71/2 AB	ELEC	87-00476	A. INSTALL TEMP. POWER FROM TURBINE TO AUX. BUILDING THROUGH EXISTING SLEEVE - NO ID.	WR 109297	02/20/87	06/04/87	/ /
30-31 AC	ELEC	86-00506	A. SEAL NEEDS UPGRADED.	ECN R0838	03/26/86	08/01/87	/ /
30-31 AE	ELEC	86-00505	A. SEAL NEEDS UPGRADED.	ECN R0838	03/26/86	08/01/87	/ /
30-32 AB	ELEC	87-00828	A. PULL CABLE THRU TRAY 74302.	WR 129589	04/13/87	06/30/87	/ /
30-71/1 AB	ELEC	87-00620	A. REMOVE FLAMEMASTIC.	WR 124872	03/07/87	06/04/87	/ /
30-71/1 AC	ELEC	87-00829	A. PULL CABLE THROUGH TRAY 74302.		04/13/87	06/30/87	/ /
30-71/1 AD	ELEC	86-00504	A. SEAL NEEDS UPGRADED.	ECN R0838	03/26/86	08/01/87	/ /
30-71/1 AF	ELEC	86-00503	A. SEAL NEEDS UPGRADED.	ECN R0838	03/26/86	08/01/87	/ /
30-71/1 AG	ELEC	86-00529	A. SEAL NEEDS UPGRADED.	WR 124872	04/15/86	06/30/87	/ /
31-32 AA	ELEC	86-00502	A. SEAL NEEDS UPGRADED.	ECN R0838	03/26/86	08/01/87	/ /
31-32 AC	ELEC	87-00300	A. PULL CABLE THRU TRAY X43AT3.	WR 128511	01/30/87	06/30/87	04/23/87
31-32 AD	ELEC	87-00541	A. ONE CABLE TO BE DELETED FROM CONDUIT 743001.	WR 126184	02/27/87	06/04/87	/ /
31-36 AC	ELEC	87-00241	A. PULL CABLE THRU TRAY X43BE3. B. PULL CABLE THRU TRAY X43BE3. C. PULL CABLE THRU TRAY 743BE2. D. PULLING CABLES INTO X43BE3 TO X43K3. E. PULL CABLE THRU TRAY X43BE3. F. PULL CABLE THRU TRAY 743BE2 AND 743XK2. G. DELETE CABLE FROM TRAYS 743BE1 AND 743L1. H. PULL CABLE THROUGH X43K3 TRAY. I. DELETE 2 CABLES FROM TRAY 743BE1.	WR 124872	01/23/87	05/15/87	04/12/87
31-36 AE	ELEC	86-01275	J. PULL CABLE THRU TRAY A43A82.	WR 124872	12/02/85	04/30/87	/ /
32-36 AA	ELEC	87-00827	A. PULL CABLE FROM TRAY 7408G2.	WR 129628	04/13/86	06/30/87	/ /
32-36 AD	ELEC	87-00737	A. CABLE PULL THROUGH TRAY 740AH2.	WR 128523	03/26/87	06/30/87	/ /
32-36 AB	ELEC	87-00113	A. ROUTE TWO CABLES IN TRAY THROUGH	WR 120001	01/13/87	05/15/87	04/20/87

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PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
			PENETRATION. B. PULL CABLE INTO TRAY 743M1 FROM 743BJ1. C. PULL CABLE THUR TRAY 743N1. D. DELETE 1 CABLE FROM TRAY 743AG2. E. DELETE 1 CABLE FROM TRAYS 743BJ2 AND 743M2. F. CABLE PULL THROUGH TRAYS 743BJ1 AND X43BJ3.				
32-36 AH	ELEC	87-00082	A. CABLE PULL THROUGH TRAY X43CP3. B. PULL CABLE FROM X43BJ3. C. PULL CABLE THROUGH TRAY 743BK4. D. PULL CABLE THUR TRAY 743BK4. E. DELETE 1 CABLE FROM TRAYS 743D AND 743BK1. F. DELETE 1 CABLE FROM TRAYS 743D2 AND 743BK2.	WR 124875	01/09/87	05/15/87	04/15/87
34-36 AB	ELEC	87-00513	A. PULL CABLE THROUGH X40B3 TRAY.	WR 124983	02/25/87	05/04/87	04/22/87
34-36 AF	ELEC	87-00392	A. REMOVE CABLE 112B2B08A FROM AUX. HALL TRAY 740BT2 AND RG1 TRAY 740BU2. B. PULL CABLE THRU TRAY 740BT2. C. PULL CABLE THRU TRAY 740BU1.	WR 127473	02/09/87	05/15/87	04/22/87
34-36 AG	ELEC	87-00398	A. CABLE PULL TRAY L43BM1.	WR 126184	02/10/87	05/15/87	04/22/87
34-36 AJ	ELEC	86-01278	G. CABLE PULL THROUGH A40AB2.	WR 124872	12/02/86	04/30/87	/ /
34-64 AB	ELEC	86-01494	K. CABLE PULL THROUGH TRAY 743BU4.	WR 124872	12/19/86	04/30/87	/ /
34-69 AA	ELEC	86-01493	L. CABLE PULL THROUGH TRAY 743BX4. P. PULL CABLE THRU TRAY 743BX4.	WR 124872	12/19/86	04/30/87	/ /
36-64 AB	ELEC	87-00391	A. CABLE PULL TRAY L43BW1. C. PULL CABLE THRU TRAY 743BU2.	WR 124872	02/09/87	04/30/87	/ /
36-71/1 AA	ELEC	86-00765	B. BREACHED FOR TEMP. AIR LINE. C. BREACHED BY PVC PIPE. D. BREACH AT CABLE TRAY X43F3. F. INSTALL 2 IN. PIPE. K. PULL CABLE FROM TRAY 743A2.	WR 124872	07/23/86	05/15/87	/ /
47-49 AC	ELEC	86-01270	A. INSTALL NEW RACEWAY.	WR 121781	12/01/86	04/30/87	05/01/87

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BREACHED FIRE BARRIER

PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
740776	ELEC	86-01031	A. BREACH IS NOT GROUTED TO THE SPECIFIED THICKNESS.	WR 131126	10/09/86	04/30/87	04/14/87
741159	ELEC	86-00841	A. BREACHED FOR CABLE PULL.	WR 116179	08/07/86	06/15/87	/ /
741795	ELEC	86-01201	A. COREBORE TO INSTALL CONDUIT.	WR 121407	11/20/86	04/30/87	/ /
741800	ELEC	87-00301	A. PULL CABLE THRU CONDUIT 741800. B. PULL CABLE THRU CONDUIT 741800.	WR 128511	01/30/87	05/15/87	04/17/87
741800-2	ELEC	87-00571	A. PULLING CABLE INTO CONDUIT 742800.	WR 131059	03/02/87	06/04/87	04/17/87
741806	ELEC	86-01416	A. INSTALL RACEWAY 741806 THRU COREBORE.	WR 121785	12/12/86	04/30/87	/ /
742250	ELEC	87-00667	A. CABLE PULL THROUGH CONDUIT 742250.	WR 128504	03/13/87	06/30/87	/ /
742252	ELEC	87-00567	A. PULLING CABLE INTO CONDUIT 742252.	WR 131059	03/02/87	06/04/87	05/05/87
742721	ELEC	86-01218	A. INSTALL NEW RACEWAY. B. CABLE PULL THROUGH CONDUIT 742721.	WR 121407	11/21/86	04/30/87	04/27/87
742725	ELEC	86-01219	A. INSTALL NEW RACEWAY.	WR 121407	11/21/86	04/30/87	04/27/87
742726	ELEC	86-01220	A. INSTALL NEW RACEWAY.	WR 121407	11/21/86	04/30/87	04/27/87
743001	ELEC	86-00651	A. INSTALL SEAL TO NEW DETAIL.	WR 128467	06/06/86	06/30/87	/ /
743002	ELEC	86-00652	A. INSTALL SEAL TO NEW DETAIL.	WR 128467	06/06/86	06/30/87	/ /
743003	ELEC	86-00576	A. CONDUIT REQUIRES FIRE STOP.	WR 128467	05/05/86	06/30/87	/ /
743004	ELEC	86-00577	A. CONDUIT REQUIRES FIRE STOP.	WR 128467	05/05/86	06/30/87	/ /
743005	ELEC	86-00578	A. CONDUIT REQUIRES FIRE STOP.	WR 128467	05/05/86	06/30/87	/ /
743006	ELEC	86-00579	A. CONDUIT REQUIRES FIRE STOP.	WR 128467	05/05/86	06/30/87	/ /
743072	ELEC	86-01297	A. INSTALL NEW RACEWAY 743332 THROUGH SLEEVE 743072.	WR 128498	12/03/86	04/30/87	/ /
743256	ELEC	87-00787	A. PULL CABLE THROUGH CONDUIT 743256.	WR 128547	04/07/87	06/30/87	/ /
743265	ELEC	87-00414	A. PULL CABLE INTO CONDUIT 743265.	WR 109341	02/12/87	06/04/87	05/03/87
744241	ELEC	87-00825	A. PULL CABLE FROM CONDUIT 744241.	WR 129628	04/13/87	06/30/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORCAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
744402	ELEC	87-00471	A. DELETE 5 CABLES FROM CONDUIT 744402.	WR 125019	02/20/87	06/04/87	/ /
744400	ELEC	87-00786	A. PULL CABLE THROUGH 744400.	WR 128547	04/07/87	06/30/87	/ /
745022	ELEC	87-00420	A. AREA AROUND CONDUIT NOT FULLY GROUTED, AIR PASSING THROUGH.	WR 118434	02/12/87	06/04/87	/ /
745420	ELEC	87-00867	A. PULL CABLE THRU FLOOR SLEEVE.	WR 126184	04/17/87	06/30/87	/ /
745450	ELEC	87-00569	A. PULLING CABLE INTO CONDUIT 745450.	WR 131059	03/02/87	06/04/87	05/01/87
75/1-81 AA	ELEC	86-01226	L. PULL CABLE INTO TRAY M81B2. N. PULL CABLE THRU TRAY M81B1.	WR 124872	11/21/86	04/30/87	/ /
75/1-81 AB	ELEC	87-00458	A. PULL CABLE THRU TRAY M81Q3. B. PULL CABLE THRU TRAY M81B1.	WR 124872	02/19/87	06/04/87	04/15/87
76/1-82 AA	ELEC	87-00499	A. CABLE PULL THROUGH TRAY L81CA.	WR 104415	02/24/87	06/04/87	05/05/87
76/1-82 AB	ELEC	87-00800	A. PULL CABLE THRU TRAY L81B1. B. CABLE PULL THROUGH TRAY L81B1.	WR 128515	04/20/87	06/30/87	/ /
76/1-82 AC	ELEC	87-00214	A. PULL CABLE THRU TRAY L81R6. B. PULL CABLE THRU TRAY L81R6. C. PULL CABLE THRU TRAY L8156. E. DELETE 1 CABLE FROM TRAY L81R6 AND L8156.	WR 126287	01/21/87	06/15/87	04/21/87
77/2-81 AA	ELEC	87-00670	A. PULLING CABLE INTO TRAY 881A1. B. REMOVE 1 CABLE FROM TRAY 881A1 AND 881AC1.	WR 128467	03/16/87	06/30/87	04/21/87
77/2-81 AB	ELEC	87-00769	A. PULL CABLE THRU TRAY M81A82.	WR 128467	04/02/87	06/30/87	04/21/87
77/2-81 AC	ELEC	87-00527	B. DELETE 1 CABLE FROM TRAY 881AA1. C. PULL CABLE THRU TRAY M81AA3. D. PULLING CABLE INTO TRAYS M81AA3 & 881AA1. E. PULL CABLE INTO TRAY M81AA3. F. DELETE 1 CABLE FROM TRAY 881AA1 AND TRAY M81AA3. G. PULL CABLE THRU TRAY M81AA2. H. PULL CABLE THRU TRAY M81AA3.	WR 124872	02/26/87	06/04/87	05/05/87
774510	ELEC	86-01400	A. INSTALL CONDUIT THRU SLEEVE #45046.	WR 121781	12/18/86	04/30/87	/ /

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					OPEN DATE	CLOSE DATE	CLOSE DATE
774536-1	ELEC	86-01547	A. CORE BORE HOLE FOR CONDUIT 774536-1.	WR 121790	12/23/86	04/30/87	/ /
78/2-82 AA	ELEC	87-00758	A. PULL CABLE THRU TRAY LB1AB3.	WR 128514	04/01/87	06/30/87	/ /
78/2-82 AB	ELEC	86-00175	V. PULL CABLE INTO TRAY AB1A1. W. DELETE 1 CABLE FROM TRAY AB1A1. X. PULL CABLE THRU TRAY LB1A2.	WR 128467	02/03/86	06/15/87	05/07/87
78/2-82 AC	ELEC	86-01401	F. PULL CABLE THROUGH TRAY AB1AA1. G. CABLE PULL TRAY LB1AA3. H. PULL CABLE INTO TRAY AB1AA1. I. PULL CABLE THRU TRAY LB1AA3. J. PULL CABLE THRU TRAY LB1AA3.	WR 124872	12/12/86	04/30/87	/ /
781059	ELEC	87-00418	A. PULL CABLE THRU 781059.	WR 104415	02/19/87	06/04/87	/ /
7811231	ELEC	87-00151	A. PULL CONDUIT 7811309-3 THRU SLEVE.	WR 126245	01/15/87	06/15/87	/ /
7811242	ELEC	87-00149	A. PULL CONDUIT 7811321-3 THRU SLEVE.	WR 126245	01/15/87	06/15/87	/ /
7811245	ELEC	87-00167	A. REMOVE CONDUIT INTERNAL SEAL.	WR 126245	01/16/87	06/15/87	/ /
7811272	ELEC	87-00206	A. COREBORE THRU FLOOR FOR CONDUIT 7811272.	WR 126346	01/20/87	06/15/87	/ /
7811298	ELEC	86-01363	A. DRILL CORE BORE.	WR 118958	12/09/86	04/30/87	/ /
7811337	ELEC	87-00661	A. CORE BORE THROUGH WALL TO INSTALL CONDUIT 7811337.	WR 126245	03/12/87	06/30/87	/ /
781294	ELEC	86-01183	A. INSTALL CONDUIT 781294.	WR 121407	11/18/86	04/30/87	05/06/87
781294	ELEC	86-01184	A. INSTALL CONDUIT 781294.	WR 121407	11/18/86	04/30/87	05/06/87
781294	ELEC	87-00844	A. PULL CABLE THRU CONDUIT 781294.	WR 128504	04/15/87	/ /	05/06/87
781295	ELEC	87-00845	A. PULL CABLE THRU CONDUIT 781295.	WR 128504	04/15/87	/ /	05/05/87
781295-3	ELEC	86-01286	A. DRILL CORE BORE FOR 781295.	WR 121407	12/02/86	04/30/87	05/05/87
781297	ELEC	86-01307	A. CORE BORE FOR CONDUIT 781297 RACEWAY.	WR 118963	12/04/86	04/30/87	/ /
781527	ELEC	87-00015	A. REMOVED CAPS ON SLEEVE TO RUN TEST CABLES FOR EFIC TEST CONSOLE.	WR 125664	01/03/87	04/30/87	/ /

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					OPEN DATE	CLOSE DATE	CLOSE DATE
781530	ELEC	86-01195	A. INSTALL RACEWAY M81379 THRU SLEEVE 781530.	WR 121369	11/19/86	04/30/87	/ /
781531	ELEC	86-01196	A. INSTALL RACEWAY M81379 THRU SLEEVE 781531.	WR 121369	11/19/86	04/30/87	/ /
781532	ELEC	87-00012	A. REMOVED CAPS ON SLEEVE TO RUN TEST CABLES FOR EFIC TEST CONSOLE.	WR 125664	01/03/87	04/30/87	/ /
781583	ELEC	87-00163	A. CABLE PULL THRU CONDUIT.	WR 126245	01/16/87	06/15/87	/ /
781652	ELEC	87-00013	A. REMOVED CAPS ON SLEEVE TO RUN TEST CABLES FOR EFIC TEST CONSOLE.	WR 125664	01/03/87	04/30/87	/ /
781665	ELEC	87-00014	A. REMOVED CAPS ON SLEEVE TO RUN TEST CABLES FOR EFIC TEST CONSOLE.	WR 125664	01/03/87	04/30/87	/ /
85/1-85/2 AD	ELEC	87-00419	A. PULL CABLE THRU TRAY 781BA3.	WR 104415	02/19/87	06/04/87	/ /
85/2-89 AB	ELEC	86-01197	A. INSTALL CONDUIT 781293. B. PULL CABLE THRU TRAY 781V1. C. PULL CABLE INTO TRAY 781V1 AND TO CONDUIT 7811336-2".	WR 124872	11/19/86	04/30/87	04/27/87
85/3-87 AA	ELEC	86-01208	A. INSTALL CONDUITS 781292 AND 7811285.	WR 121407	11/20/86	04/30/87	/ /
85/3-87 AB	ELEC	87-00001	A. CABLE PULL THROUGH TRAY X81V2. B. PULLING CABLE INTO TRAY X81RF3.	WR 124872	01/09/87	05/15/87	/ /
A10003	ELEC	87-00054	A. CABLE PULL. B. PULL CABLE THROUGH CONDUIT A10003. C. PULL CABLE IN CONDUIT A10003. D. PULL CABLE THRU SLEEVE A10003.	WR 124872	01/06/87	05/15/87	04/20/87
A43001	ELEC	87-00901	A. REWORK SMOKE AND GAS SEAL.	WR 124872	04/23/87	06/30/87	05/06/87
A43001-1	ELEC	87-00216	C. DELETE 1 CABLE FROM CONDUIT A43001.	WR 124872	01/21/87	05/15/87	04/07/87
A43001-2	ELEC	87-00217	C. REMOVE 1 CABLE FROM LB CONDUIT A43001 AND J-BOX H7J3510.	WR 124872	01/21/87	06/15/87	04/07/87
A43001-3	ELEC	87-00218	A. PULL CABLE THRU A43001.	WR 124872	01/21/87	06/15/87	/ /
A43001-6	ELEC	87-00611	A. PULL CABLE INTO CONDUIT A43001.	WR 128479	03/05/87	06/04/87	04/09/87

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					OPEN DATE	CLOSE DATE	CLOSE DATE
A45005	ELEC	87-00017	A. SLEEVE OPENED TO RUN NEW CABLE. B. PULL CABLE THROUGH A45005.	WR 109327	01/03/87	04/30/87	/ /
A81087	ELEC	86-01613	B. PULL CABLE THRU A81087.	WR 126239	12/31/86	06/15/87	05/06/87
B03002	ELEC	87-00404	A. CABLE PULL THROUGH CONDUIT B03002.	WR 124872	02/11/87	06/04/87	05/04/87
B42002	ELEC	87-00173	A. CABLE PULL THROUGH CONDUIT B42002.	WR 124872	01/17/87	06/15/87	04/30/87
B42002-1	ELEC	87-00765	A. DELETE 1 CABLE FROM CONDUIT B42002.	WR 129616	04/02/87	06/30/87	04/30/87
B42002-2	ELEC	87-00572	C. DELETE 1 CABLE FROM CONDUIT B42002 AND J-BOX H7J3507.	WR 128482	03/02/87	06/04/87	04/30/87
C44110	ELEC	86-01458	A. CONDUIT INTERNAL SEAL BREACHED TO PULL CABLES.	WR 124872	12/17/86	04/30/87	04/13/87
C81261-4*	ELEC	87-00423	A. REMOVE EXIST PLUGS AND NEW CONDUIT.	WR 121365	02/13/87	06/04/87	/ /
C81263	ELEC	87-00007	A. PULLING NEW CABLES.	WR 126239	01/02/87	06/15/87	/ /
C81277	ELEC	87-00724	A. COREBORE TO INSTALL CONDUIT C81277.	WR 124858	03/25/87	06/30/87	/ /
D41152	ELEC	86-01587	A. PULLING CABLE IN CONDUIT D41152 AND J-BOX H7J3866.	WR 124872	12/30/86	04/30/87	03/25/87
D45204	ELEC	86-01588	A. PULLING CABLES IN CONDUIT D45204 AND H4PR10, H4PR20.	WR 124872	12/30/86	04/30/87	05/07/87
D81380	ELEC	87-00723	A. COREBORE TO INSTALL CONDUIT D81380.	WR 124858	03/25/87	06/30/87	/ /
E0254	ELEC	87-00699	A. CORE BORE THRU FLOOR TO INSTALL CONDUIT 7811301.	WR 126245	03/20/87	06/30/87	/ /
E0625	ELEC	86-01261	A. PULL CONDUIT X36054 THRU PENETRATION E-0625.	WR 121725	12/01/86	04/30/87	05/07/87
E2179	ELEC	87-00105	A. CORE BORE FOR CONDUITS P43060 AND P43063.	WR 124858	01/13/87	06/15/87	/ /
E2556	ELEC	87-00073	A. PULL CONDUIT W39015 THRU E2556.	WR 124858	01/08/87	04/30/87	04/22/87
E2636	ELEC	86-01151	A. INSTALL CONDUIT M41213 THROUGH PENETRATION E2636.	WR 118982	11/12/86	04/30/87	05/05/87
E2637	ELEC	86-01150	A. INSTALL CONDUIT M41214 THRU	WR 118982	11/12/86	04/30/87	05/05/87

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PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
PENETRATION E2637.							
E2638	ELEC	86-01148	A. INSTALL CONDUIT W41006 THRU PENETRATION E2638.	WR 118982	11/12/86	04/30/87	05/05/87
E2639	ELEC	86-01149	A. INSTALL CONDUIT B41004 THRU PENETRATION E2639.	WR 118982	11/12/86	04/30/87	05/05/87
E2640	ELEC	86-01153	A. INSTALL CONDUIT B41004 THROUGH PENETRATION E2640.	WR 118982	11/12/86	04/30/87	05/05/87
E2641	ELEC	86-01152	A. INSTALL CONDUIT W41214 THROUGH PENETRATION E2641.	WR 118982	11/12/86	04/30/87	05/05/87
E2642	ELEC	86-01154	A. INSTALL CONDUIT W41213 THROUGH PENETRATION E2642.	WR 118982	11/12/86	04/30/87	05/05/87
E2643	ELEC	86-01155	A. INSTALL CONDUIT W41006 THROUGH PENETRATION E2643.	WR 118982	11/12/86	04/30/87	05/05/87
E2648	ELEC	86-01386	A. BREACH E2648 TO PULL CABLE THRU CONDUIT W41009.	WR 124858	12/10/86	04/30/87	/ /
E2653	ELEC	86-01530	A. COREBORE FOR INSTALLATION OF CONDUIT 741509.	WR 124872	12/29/86	04/30/87	04/28/87
E4560	ELEC	86-01087	A. INSTALL CONDUIT W45156 THRU PEN E4560.	WR 124872	10/29/86	04/30/87	04/06/87
E4970	ELEC	87-00011	A. INSTALLED 6" CORE BORE FOR CONDUIT 742273-2".	WR 121363	01/03/87	04/30/87	04/22/87
E4975	ELEC	87-00865	A. CORE BORE THRU FLOOR FOR 1C3RPFPS.	WR 109326	04/17/87	06/30/87	/ /
H8FS75	ELEC	87-00016	A. INSTALL NEW CONDUIT L44230. B. PULL CABLE THRU PENETRATION AND CONDUIT.	WR 109327	01/03/87	04/30/87	/ /
H8FS76	ELEC	86-00654	A. SEAL OF INADEQUATE FIRE RATING.	WR 131126	06/05/86	06/15/87	/ /
H8FS78	ELEC	86-01171	A. CUT NEW FLOOR SLOT FROM WEST MEZZANINE SWITCHGEAR ROOM TO CONTROL ROOM. B. PULL CABLE THRU H8FS78 FROM CONDUIT L44230.	WR 114390	11/17/86	04/30/87	05/01/87
L44223	ELEC	87-00711	A. PULL CABLE THROUGH CONDUIT INTO BOX	WR 127569	03/23/87	06/30/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORCAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
			H7J3854.				
L44233	ELEC	87-00091	A. CORE BORE THRU FLOOR FOR L44223.	WR 109327	01/09/87	06/15/87	/ /
L45030	ELEC	87-00265	A. PULL CABLE THRU L45030. B. PULL CABLE THRU L45030.	WR 131060	01/26/87	06/15/87	/ /
L45032	ELEC	87-00264	A. PULL CABLE THRU L45032.	WR 131060	01/26/87	06/15/87	/ /
L45033	ELEC	87-00215	A. PULL CABLE THRU L45033. B. PULL CABLE THRU L45033.	WR 131060	01/21/87	06/15/87	05/04/87
L45034	ELEC	87-00064	A. PULL CABLE THRU FLOOR SLEEVE.	WR 126184	04/16/87	06/30/87	/ /
L81313-2	ELEC	87-00144	A. CUT HOLE IN PLASTER FOR L81313-2.	WR 124858	01/15/87	06/15/87	/ /
M03100	ELEC	87-00161	B. CABLE PULL THROUGH CONDUIT M03100.	WR 124872	01/16/87	06/15/87	05/04/87
M03107	ELEC	87-00202	A. PULL CABLE INTO CONDUIT.	WR 124884	01/20/87	06/15/87	05/03/87
M0681	ELEC	87-00677	A. CORE BORE THROUGH FLOOR FOR INSTRUMENT TUBE.	WR 128562	03/16/87	06/30/87	05/07/87
M39A1	ELEC	86-00184	A. NEED TO UPGRADE TRAY WRAP.	WR 131126	02/03/86	06/15/87	/ /
M41095	ELEC	87-00489	A. REMOVE CABLE 1B1CB0056 FROM CONDUIT M41095.	WR 124872	02/22/87	06/04/87	04/14/87
M42004	ELEC	87-00176	A. CABLE PULL THROUGH CONDUIT M42004. B. PULL CABLE THRU M42004.	WR 131060	01/17/87	06/15/87	05/01/87
M43097-1	ELEC	87-00490	A. REMOVE CABLE 111T308R FROM CONDUIT M43097.	WR 125625	02/23/87	06/04/87	/ /
M43097-2	ELEC	87-00491	A. REMOVE CABLE 111T308R FROM CONDUIT M43097 BETWEEN AUX. HALL CONDULET AND TURB. BLDG. CONDULET.	WR 125625	02/23/87	06/04/87	/ /
M44021	ELEC	86-00660	B. DELETE 2 CABLES FROM CONDUIT M44021.	WR 128467	06/06/86	06/15/87	/ /
M81417-2	ELEC	87-00143	A. CUT HOLE IN PLASTER FOR M81417-2.	WR 124858	01/15/87	06/15/87	/ /
NOID 87-00387	ELEC	87-00387	A. PULL CABLE THRU TRAY 710R2.	WR 121647	02/07/87	06/15/87	/ /
NOID 87-00754	ELEC	87-00754	A. RELOCATE EMERGENCY LIGHT L-AUX-121.	WR 127556	04/01/87	06/30/87	/ /
NOID 87-00755	ELEC	87-00755	A. RELOCATE EMERGENCY LIGHT L-AUX-121.	WR 127556	04/01/87	06/30/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCD NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORCAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
P39015	ELEC	87-00853	A. INSTALL CONDUIT P39015.	WR 124858	04/15/87	/ /	04/23/87
P43054	ELEC	86-01018	C. PULL CABLE.	WR 124872	10/07/86	04/30/87	/ /
P43200	ELEC	87-00662	A. CORE BORE TO INSTALL CONDUIT.	WR 109326	03/12/87	06/30/87	/ /
P44056-1	ELEC	87-00477	A. OPEN LB IN P44056.	WR 118958	02/20/87	06/04/87	04/28/87
P44056-2	ELEC	87-00478	A. OPEN LB IN P44056.	WR 118958	02/20/87	06/04/87	04/28/87
P44056-3	ELEC	87-00479	A. OPEN LB IN P44056.	WR 118958	02/20/87	06/04/87	04/29/87
P81048	ELEC	87-00777	A. PULL CABLE THROUGH P81048.	WR 124872	04/05/87	/ /	04/24/87
P81055	ELEC	86-01369	A. REMOVE PLUG FOR ELECTRICAL INSTALLATION. OLD NUMBER X81429.	WR 124858	12/10/86	04/30/87	/ /
P81057	ELEC	86-01371	A. REMOVE PLUG FOR ELECTRICAL INSTALLATION. OLD NUMBER X81428.	WR 124858	12/10/86	04/30/87	/ /
P81058-4	ELEC	86-01370	A. REMOVE PLUG FROM CONDUIT X81429 (P81058-4).	WR 124858	12/10/86	04/30/87	/ /
T42052	ELEC	87-00715	A. CORE BORE THRU WALL TO INSTALL T42052. B. PULL CABLE THRU CONDUIT T42052.	WR 109326	03/24/87	06/30/87	/ /
T42052	ELEC	87-00730	A. ELECT. CONDUIT THROUGH WALL @ BRIDGE EL. 40' 0".	WR 109326	03/26/87	06/30/87	/ /
T42059	ELEC	87-00716	A. CORE BORE THRU WALL TO INSTALL T42059. B. PULL CABLE THRU CONDUIT T42059.	WR 109326	03/24/87	06/30/87	/ /
T42059	ELEC	87-00729	A. INSTALL ELECT. CONDUIT THRU WALL @ BRIDGE EL. 40' 0".	WR 109326	03/26/87	06/30/87	/ /
T43200	ELEC	87-00732	A. INSTALL ELECT. CONDUIT THROUGH WALL @ BRIDGE EL. 40' 0". B. PULL CABLE THRU CONDUIT T43200.	WR 109326	03/26/87	06/30/87	/ /
T44428	ELEC	87-00043	A. INSTALL NEW RACEWAY AND SUPPORTS.	WR 109326	01/05/87	04/30/87	/ /
T44429	ELEC	87-00044	A. INSTALL NEW RACEWAY AND SUPPORTS.	WR 109326	01/05/87	04/30/87	/ /
T44430	ELEC	87-00045	A. INSTALL NEW RACEWAY AND SUPPORTS.	WR 109326	01/05/87	04/30/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORECAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
T45102	ELEC	87-00731	A. INSTALL ELECT. CONDUIT THROUGH WALL @ BRIDGE EL 40' 0".	WR 109326	03/26/87	06/30/87	/ /
T45104	ELEC	87-00773	A. COREBORE TO INSTALL CONDUIT T45104.	WR 109326	04/03/87	06/30/87	/ /
W39015	ELEC	87-00794	A. PULL CABLE THRU CONDUIT W39015.	WR 126161	04/08/87	06/30/87	/ /
W41009	ELEC	87-00795	A. PULL CABLE THRU CONDUIT W41009.	WR 126161	04/08/87	06/30/87	/ /
W42006	ELEC	87-00378	A. PULL CABLE THRU W42006.	WR 124872	02/07/87	06/15/87	04/13/87
W45156	ELEC	87-00382	A. PULL CABLE THRU W45156.	WR 124872	02/07/87	06/15/87	04/13/87
W45158-2	ELEC	86-01478	A. INSTALL NEW RACEWAY.	WR 124872	12/18/86	04/30/87	/ /
W81052	ELEC	87-00796	A. PULL CABLE THRU CONDUIT W81052.	WR 124872	04/08/87	06/30/87	/ /
W81056	ELEC	86-01372	A. REMOVE PLUG FOR ELECTRICAL INSTALLATION. OLD NUMBER 781050.	WR 124858	12/10/86	04/30/87	/ /
W81061	ELEC	86-01373	A. REMOVE PLUG FOR ELECTRICAL INSTALLATION. OLD NUMBER X81430.	WR 124858	12/10/86	04/30/87	/ /
W81062	ELEC	86-01374	A. REMOVE PLUG FOR ELECTRICAL INSTALLATION. OLD NUMBER X81443.	WR 124858	12/10/86	04/30/87	/ /
X36041	ELEC	87-00309	A. CONDUIT NEEDS WRAP.	WR 127557	01/30/87	06/15/87	/ /
X39105	ELEC	87-00303	A. PULL CABLE THRU CONDUIT X39105.	WR 128511	01/30/87	06/15/87	/ /
X40006	ELEC	86-01030	A. BREACH IS NOT GROUTED TO THE SPECIFIED THICKNESS.	WR 131126	01/09/86	04/30/87	04/14/87
X40110	ELEC	87-00157	A. PULL CABLE FROM CONDUIT X40110.	WR 124872	01/16/87	06/15/87	/ /
X40111	ELEC	87-00693	A. CABLE TO BE PULLED BACK AND GROUTED.	WR 127473	03/20/87	06/30/87	05/05/87
X44419-2	ELEC	86-01479	A. INSTALL X44419 THRU SLEW * 300'S	WR 128511	12/18/86	04/30/87	05/03/87
X44433	ELEC	87-00663	A. 3" CORE BORE THROUGH FLOOR.	WR 128477	03/12/87	06/30/87	/ /
X45256	ELEC	87-00445	A. DRILL THREE INCH CORE HOLE FOR CONDUIT X45256.	WR 128484	02/17/87	06/04/87	/ /
X45261	ELEC	86-01463	A. INSTALL NEW CONDUIT THRU 5" COREBORE.	WR 121790	12/17/86	04/30/87	/ /

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PENETRATION NUMBER	PENE. TYPE	LCO NUMBER	REASON FOR BREACH	PLAN TO REPAIR	FORCAST		
					OPEN DATE	CLOSE DATE	CLOSE DATE
X45261	ELEC	87-00557	A. PULL CABLE THRU CONDUIT X45261.	WR 128586	02/28/87	06/04/87	04/27/87
X45308	ELEC	87-00452	A. CABLE PULL THROUGH CONDUIT X45308.	WR 124872	03/10/87	06/04/87	/ /
X45384	ELEC	87-00578	A. DELETE CABLE FROM CONDUIT X45384.	WR 131059	03/02/87	06/04/87	05/03/87
X81138	ELEC	87-00566	A. PULLING CABLE INTO CONDUIT X81138.	WR 127569	03/02/87	06/04/87	/ /
X81153	ELEC	87-00090	A. CABLE PULL.	WR 124872	01/09/87	06/15/87	05/03/87
X81158	ELEC	87-00084	A. PULL CABLE.	WR 124872	01/09/87	06/15/87	04/02/87
X81518	ELEC	86-01009	C. PULL CABLE THRU CONDUIT X81518. D. PULL CABLE THRU X81518.	WR 124872	10/29/86	04/30/87	/ /
X81522	ELEC	87-00895	A. REWORK SMOKE AND GAS SEAL.	WR 124872	04/23/87	06/30/87	/ /
X81522-2	ELEC	87-00340	A. PULL CABLE THRU X81522-2.	WR 124875	02/04/87	06/15/87	04/01/87
0119	MECH	86-00447	A. BREACHED PER SURVEILLANCE.	WR 112001	03/13/86	06/15/87	04/15/87
0213	MECH	86-00449	A. BREACHED PER SURVEILLANCE.	WR 113863	03/12/86	06/15/87	04/15/87
0306	MECH	86-00492	A. BREACHED PER SURVEILLANCE.	WR 111994	03/25/86	06/15/87	04/15/87
0311	MECH	86-00467	A. BREACHED PER SURVEILLANCE.	WR 111994	03/21/86	06/15/87	04/15/87
0345	MECH	86-00457	A. BREACHED PER SURVEILLANCE.	WR 113863	03/14/86	06/15/87	04/15/87
23953-3	MECH	86-00495	A. PIPE WRAP NEEDS REPAIRED.	WR 131126	03/20/86	06/15/87	/ /
23963-3	MECH	86-00494	A. PIPE WRAP NEEDS REPAIRED.	WR 121126	03/20/86	06/15/87	/ /
2440	MECH	87-00878	A. PULL HELIAX ANTENNA CABLE.	WR 109326	04/20/87	06/30/87	/ /
3009	MECH	86-00124	A. BREACHED PER SURVEILLANCE.	WR 114443	01/24/86	06/15/87	/ /
48751-3	MECH	86-00497	A. PIPE WRAP NEEDS REPAIRED.	WR 131126	03/20/86	06/15/87	/ /
48761-3	MECH	86-00496	A. PIPE WRAP NEEDS REPAIRED.	WR 131126	03/20/86	06/15/87	/ /
48762-11	MECH	86-01071	A. MISSING WRAP ON PIPE SUPPORT.	WR 131126	10/20/86	04/30/87	/ /
48762-2	MECH	86-01070	A. MISSING WRAP ON PIPE SUPPORT.	WR 131126	10/20/86	04/30/87	/ /
48762-3	MECH	86-01072	A. MISSING WRAP ON PIPE SUPPORT.	WR 131126	10/20/86	04/30/87	/ /

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					OPEN DATE	CLOSE DATE	CLOSE DATE
781150	MECH	87-00604	A. PULL PLUG TO RUN TEMPORARY AIR LINE.		03/05/87	06/04/87	/ /
781590	MECH	87-00603	A. REMOVE PLUG TO PULL TEMPORARY AIR LINE.		03/05/87	06/04/87	/ /
EXP JOINT	MECH	86-00058	A. SEAL NEEDS UPGRADED. B. SEAL DEGRADED FROM MICE DAMAGE.	WR 128537	01/07/86	06/30/87	/ /
EXP JOINT	MECH	86-00038	A. BREACHED PER SURVEILLANCE.	WR 128467	01/06/86	06/30/87	/ /
FD-031	MECH	87-00854	A. THIS PENETRATION HAS NO RECORD OF QC EDN R1034 INSPECTION.		/ /	05/22/87	/ /
FD-032	MECH	87-00855	A. THIS PENETRATION HAS NO RECORD OF QC WR 109326 INSPECTION. B. ROUTE HELIAX CABLE THROUGH PENETRATION.		/ /	05/22/87	/ /
FD-033	MECH	87-00856	A. THIS PENETRATION HAS NO RECORD OF QC EDN R1034 INSPECTION.		/ /	05/22/87	/ /
FD-034	MECH	87-00857	A. THIS PENETRATION HAS NO RECORD OF QC EDN R1034 INSPECTION.		/ /	05/22/87	/ /
FD-035	MECH	87-00858	A. THIS PENETRATION HAS NO RECORD OF QC EDN R1034 INSPECTION.		/ /	05/22/87	/ /
FD-036	MECH	87-00859	A. THIS PENETRATION HAS NO RECORD OF QC EDN R1034 INSPECTION.		/ /	05/22/87	/ /
M4971	MECH	87-00568	A. CORE BORE THROUGH WALL TO PERMIT INSTALLATION OF 1/2" PIPE.	WR 128628	03/02/87	06/04/87	04/24/87
ND10 86-00207	MECH	86-00207	A. BREACHED PER SURVEILLANCE.	WR 111974	02/06/86	06/15/87	/ /
ND10 87-00690	MECH	87-00690	A. GROUT MISSING AROUND 1" COPPER PIPE.	WR 118447	03/19/87	06/30/87	/ /
NSW-007	MECH	86-00468	A. PIPE WRAP MISSING.	WR 131126	03/20/86	06/15/87	/ /
NSW-008	MECH	86-00469	A. PIPE WRAP MISSING.	WR 131126	03/20/86	06/15/87	/ /
NSW-009	MECH	86-01069	A. MISSING WRAP ON VALVE AND SUPPORT.	WR 131126	10/20/86	04/30/87	/ /