



SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, P.O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

JAN 13 1988

AGM/NPP 88-013

U. S. Nuclear Regulatory Commission
Attn: J. B. Martin, Regional Administrator
Region V
Office of Inspection and Enforcement
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596

RECEIVED
NRC
REGION V
JAN 19 10 32

DOCKET NO. 50-312
RANCHO SECO NUCLEAR GENERATING STATION
LICENSE NO. DPR-54
SPECIAL REPORT NUMBER 88-01, FIRE BARRIERS BREACHED MORE THAN 7 DAYS

Dear Mr. Martin:

The Sacramento Municipal Utility District hereby submits Special Report No. 88-01 in accordance with Rancho Seco Nuclear Generating Station Technical Specifications 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 days.

The District evaluates each non-functional fire barrier against the requirements of Technical Specification 3.14.6 and ensures the proper fire watch is established.

Since the last Special Report (87-26), 29 reportable breaches have been repaired. An additional 46 breaches were added during this period to support ongoing modification activities. On January 1, 1988, there were 45 breaches. The District is expediting the remaining breach repairs to support restart.

Please contact me if you have any questions. Members of your staff with questions requiring additional information or clarification may contact Mr. Kurt Zimmermann at (916) 452-3211, extension 4627.

Sincerely,

8801280017 880113
PDR ADOCK 05000312
S PDR

Joseph F. Firlit
Assistant General Manager,
Nuclear Power Production

Attachment

cc: G. Kalman, NRC, Bethesda (w/atch)
A. D'Angelo, NRC, Rancho Seco (")
F. J. Miraglia, NRR, Bethesda (")

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ATTACHMENT TO THE NRC SPECIAL REPORT
BREACHED FIRE BARRIER

| PENETRATION NUMBER | PENE, TYPE | LCO NUMBER | REASON FOR BREACH | PLAN TO REPAIR | FORECAST | | |
|-----------------------|---------------|---------------|------------------------------------------------------------------------------------------------------------------|----------------|--------------|---------------|---------------|
| | | | | | OPEN DATE | CLOSE DATE | CLOSE DATE |
| FD-005N | DAMP | 87-01925 | A. BRACKETS ARE LOOSE. SPRING IS UNRAVELLING. | WR 138385 | 11/21/87 | 12/14/87 | / / |
| FD-007N | DAMP | 87-01926 | A. ETL IS BROKEN. | WR 138386 | 11/21/87 | 12/14/87 | / / |
| FD-021A | DAMP | 87-01933 | A. LINK DOES NOT HAVE A UL LABEL. | WR 138387 | 11/24/87 | 12/14/87 | / / |
| FD-029A | DAMP | 87-01903 | A. DAMPER DOES NOT DROP. | WR 138375 | 11/11/87 | 12/14/87 | / / |
| FD-048 | DAMP | 87-01907 | A. DAMPER CLOSURE SPRING TWISTED. | WR 138377 | 11/13/87 | 12/14/87 | / / |
| AU-127 | DOOR | 87-01576 | A. DOOR PROPPED OPEN TO ALLOW TEMPORARY CABLE ROUTING. | WR 135305 | 09/04/87 | 10/15/87 | / / |
| AU-131 | DOOR | 87-01845 | A. RUN TEMPORARY AIR HOSE. | WR 138176 | 11/02/87 | 12/14/87 | 12/22/87 |
| AU-215 | DOOR | 87-01942 | A. ASTRAGAL IS NOT 3/4". | WR 138878 | 11/25/87 | / / | 12/10/87 |
| AU-301 | DOOR | 86-00409 | A. INOPERABLE PER SURVEILLANCE. B. NO LABEL ON ACTIVE LEAF, ASTRAGAL MISSING SCREW, LATCH THROW INSUFFICIENT. | WR 118461 | 02/28/86 | 05/31/87 | 12/04/87 |
| AU-334 | DOOR | 86-00413 | F. DOOR INOPERABLE WHILE UNDERGOING MODIFICATIONS PER EAR PL87-97. | WR 134181 | 02/28/86 | 05/31/87 | / / |
| AUB-013 | DOOR | 87-01616 | A. DOOR PROPPED OPEN TO RUN CABLES THRU THE DOOR. | WR 135305 | 09/10/87 | 10/15/87 | / / |
| NS-353 | DOOR | 87-01314 | A. DOOR CLOSER IS BROKEN, C. HOLES IN FRAME AND IN THE INACTIVE LEAF. | WR 132694 | 06/30/87 | 07/30/87 | 12/17/87 |
| NS-359 | DOOR | 87-02029 | A. DOOR PROPPED OPEN FOR VENTILATION. | | 12/22/87 | 01/06/88 | / / |
| 01-17 AB | ELEC | 87-02016 | A. PULL CABLE THRU H8FS42. | WR 140414 | 12/16/87 | 01/05/88 | / / |
| 01-17 BA | ELEC | 87-01900 | A. PULL CABLE THRU FLOOR SLOT H8FS44. | WR 138187 | 11/11/87 | 12/31/87 | 12/03/87 |
| 01-17 BB | ELEC | 87-02015 | A. PULL CABLE THRU H8FS30. | WR 140414 | 12/16/87 | 01/05/88 | / / |
| 01-17 BD | ELEC | 87-01999 | A. PULL CABLE THRU H8FS27. | WR 140434 | 12/15/87 | 01/05/88 | / / |
| 01-17 BE | ELEC | 87-01899 | A. PULL CABLE THRU H8FS28. | WR 138187 | 11/11/87 | 12/31/87 | 12/07/87 |
| 01-17 BJ | ELEC | 87-01912 | A. PULL CABLE THRU FLOOR SLOT H8FS22. | WR 139476 | 11/18/87 | 12/31/87 | 12/04/87 |

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| PENETRATION NUMBER | PENE. TYPE | LCO NUMBER | REASON FOR BREACH | PLAN TO REPAIR | OPEN DATE | FORCAST CLOSE DATE | CLOSE DATE |
|-----------------------|---------------|---------------|---------------------------------------------------------------------|----------------|--------------|--------------------------|---------------|
| 01-17 BR | ELEC | 87-01943 | A. PULL CABLE IN THIS FIRESTOP. | WR 138180 | 11/27/87 | 12/31/87 | / / |
| 01-17 BY | ELEC | 87-01782 | A. INSTALL CONDUIT 744564 THRU FLOOR SLOT. | WR 139463 | 10/26/87 | 12/31/87 | 12/02/87 |
| 01-20 AC | ELEC | 87-01870 | A. REPAIR A SEAL VOID. | WR 131097 | 11/06/87 | 12/31/87 | 12/02/87 |
| 01-20 AE | ELEC | 87-01945 | A. PULL CABLE | WR 140406 | 12/01/87 | 01/05/88 | 12/18/87 |
| 01-20 AM | ELEC | 87-01611 | A. REMOVE CABLE FROM CABINET H4P101 & COIL IN TRAY BELOW X44VE1. | WR 126196 | 09/10/87 | 11/30/87 | 12/04/87 |
| 10-20 AJ | ELEC | 87-01874 | A. PULL CABLE FOR PANEL H4P101. | WR 138180 | 11/06/87 | 12/31/87 | 12/18/87 |
| 16-17 AE | ELEC | 87-02004 | A. PULL CABLE THRU TRAY X44AJ3. | WR 140434 | 12/15/87 | 01/05/88 | / / |
| 16-17 AG | ELEC | 87-02005 | A. PULL CABLE THRU TRAY X44BF7. | WR 140434 | 12/15/87 | 01/05/88 | / / |
| 16-29 AA | ELEC | 87-02002 | A. PULL CABLE THRU TRAY X44BD7. | WR 140434 | 12/15/87 | 01/05/88 | / / |
| 17-18 AC | ELEC | 87-02014 | A. PULL CABLE THRU TRAY 744A04. B. PULL CABLE THRU TRAY 744A05. | WR 140414 | 12/16/87 | 01/05/88 | / / |
| 17-18 AF | ELEC | 87-01866 | A. INSTALL CONDUIT P44207. | WR 139482 | 11/06/87 | 12/31/87 | 12/09/87 |
| 17-20 AB | ELEC | 87-01867 | A. INSTALL CONDUIT P44208. | WR 139482 | 11/06/87 | 12/31/87 | 12/04/87 |
| 18-31 AF | ELEC | 87-02013 | A. PULL CABLE THRU TRAY 743AM2. B. PULL CABLE THRU TRAY 743AM1. | WR 140414 | 12/16/87 | 01/05/88 | / / |
| 19-32 AH | ELEC | 87-01961 | A. PULL CABLE IN TRAY R39V1. | WR 140406 | 12/03/87 | 01/05/88 | 12/18/87 |
| 20-29 AC | ELEC | 87-01923 | A. PULL CABLE THRU TRAY 741AB2. | WR 139480 | 11/23/87 | 12/31/87 | 12/04/87 |
| 20-70 AA | ELEC | 87-01882 | A. PULL CABLE THROUGH CONDUIT M01149, WR139510, EDN2090. | WR 139510 | 11/07/87 | 12/31/87 | 12/03/87 |
| 28-29 AA | ELEC | 87-01928 | A. PULL CABLE THRU TRAY 741BD2. B. PULL CABLE THRU TRAY 741BD4. | WR 138204 | 11/23/87 | 12/31/87 | 12/00/87 |
| 29-71/2 AB | ELEC | 87-02003 | A. PULL CABLE THRU TRAY X44C3. | WR 140434 | 12/15/87 | 01/05/88 | / / |
| 30-31 AH | ELEC | 87-02012 | A. PULL CABLE THRU TRAY 743AJ1. B. PULL CABLE THRU TRAY 743AJ2. | WR 140414 | 12/16/87 | 01/05/88 | / / |
| 30-71/1 AA | ELEC | 87-02011 | A. PULL CABLE THRU TRAY 744D2. | WR 140414 | 12/16/87 | 01/05/88 | / / |

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|-----------------------|---------------|---------------|----------------------------------------------------------------|----------------|--------------|--------------------------|---------------|
| | | | B. PULL CABLE THRU TRAY 744D1. | | | | |
| 3048 | ELEC | 87-02031 | A. PENETRATION FAILED SP 201, 03V. | WR 140820 | 12/22/87 | 01/15/88 | / / |
| 31-36 AC | ELEC | 87-01959 | A. PULL CABLE IN TRAY X43L3. | WR 140406 | 12/03/87 | 01/05/88 | / / |
| 31-36 AE | ELEC | 87-01960 | A. PULL CABLE IN TRAY A43AA2. | WR 140406 | 12/03/87 | 01/05/88 | 12/16/87 |
| 34-36 AJ | ELEC | 87-01958 | A. PULL CABLE IN TRAY A40A82. | WR 140406 | 12/03/87 | 01/05/88 | 12/16/87 |
| 34-64 AB | ELEC | 87-01962 | A. PULL CABLE IN TRAY X43RW3. | WR 140406 | 12/03/87 | 01/05/88 | 12/17/87 |
| 34-69 AA | ELEC | 87-01957 | A. PULL CABLE IN TRAY X43RX3. | WR 140406 | 12/03/87 | 01/05/88 | 12/17/87 |
| 36-64 AA | ELEC | 87-01963 | A. PULL CABLE IN TRAY X43BU3. | WR 140406 | 12/03/87 | 01/05/88 | 12/17/87 |
| 50-66 AA | ELEC | 87-02030 | A. PENETRATION FAILED SP 201, 03V. | WR 140821 | 12/22/87 | 01/15/88 | / / |
| C44000 | ELEC | 87-01868 | A. PULL BACK CABLE. | WR 139482 | 11/06/87 | 12/31/87 | 12/10/87 |
| C44000 | ELEC | 87-02017 | A. REMOVE CABLE. | WR 140430 | 12/16/87 | 01/05/88 | / / |
| M3901 | ELEC | 86-00184 | A. NEED TO UPGRADE TRAY WRAP. | WR 119939 | 02/03/86 | 06/15/87 | 12/04/87 |
| M3908 | ELEC | 87-01721 | A. REMOVE KAOWOOD FROM FIRESTOP AND REPLACE WITH THERMOLAG. | WR 136013 | 10/08/87 | 11/30/87 | 12/04/87 |
| M81190 | ELEC | 87-01986 | A. REMOVE CONDUIT M81190. | ECN R2070 | 12/11/87 | 01/05/88 | / / |
| M81195 | ELEC | 87-01987 | A. REMOVE CONDUIT M81195. | ECN R2070 | 12/11/87 | 01/05/88 | / / |
| P43047 | ELEC | 87-01998 | A. PULL CABLE FROM CONDUIT P43047. | WR 140430 | 12/11/87 | 01/05/88 | / / |
| P44054 | ELEC | 87-01869 | A. REPLACE CONDUIT. | WR 139482 | 11/06/87 | 12/31/87 | 12/11/87 |
| P81263 | ELEC | 87-01985 | A. REMOVE CONDUITS P81011 AND P81013. | ECN R2070 | 12/11/87 | 01/05/88 | / / |
| T42061 | ELEC | 87-01792 | A. COREBORE FOR CONDUIT T42061. | WR 139480 | 10/27/87 | 12/31/87 | 12/09/87 |
| W81363 | ELEC | 87-01984 | A. REMOVE CONDUITS W81013 AND W81011. | ECN R2070 | 12/11/87 | 01/05/88 | / / |
| 1076 | ELECT | 87-02027 | A. DEGRADED PENETRATION. | WR 138396 | 12/21/87 | 01/05/88 | / / |
| 2071 | MECH | 87-01931 | A. REPAIR VOIDS IN SEAL. | WR 131097 | 11/23/87 | 12/31/87 | 12/04/87 |
| 3131 | MECH | 87-02020 | A. VOIDS IN PENETRATION SEAL. REQUIRES REPAIR. | WR 138395 | 12/18/87 | 01/15/88 | / / |

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|-----------------------|---------------|---------------|-----------------------------------------------------------------------|----------------|--------------|--------------------------|---------------|
| 781173 | MECH | 87-02023 | A. REWORK CONDUIT. | WR 140372 | 12/21/87 | 01/15/88 | / / |
| NO10-1 | MECH | 87-01966 | A. UNIDENTIFIED PENETRATION. REMOVE AND NCR S-7528 REPLACE SEAL. | | 12/08/87 | 01/05/88 | / / |
| NO10-2 | MECH | 87-01967 | A. UNIDENTIFIED PENETRATION. REMOVE AND EAR DP87-066 REPLACE SEAL. | | 12/08/87 | 01/05/88 | / / |
| NO10-3 | MECH | 87-01968 | A. UNIDENTIFIED PENETRATION. REMOVE AND EAR DP87-066 REPLACE SEAL. | | 12/08/87 | 01/05/88 | / / |
| NO10-4 | MECH | 87-01969 | A. UNIDENTIFIED PENETRATION. REMOVE AND EAR DP87-066 REPLACE SEAL. | | 12/08/87 | 01/05/88 | / / |
| NO10-5 | MECH | 87-01970 | A. UNIDENTIFIED PENETRATION. REMOVE AND EAR DP87-066 REPLACE SEAL. | | 12/08/87 | 01/05/88 | / / |
| NO10-6 | MECH | 87-01971 | A. UNIDENTIFIED PENETRATION. REMOVE AND EAR DP87-066 REPLACE SEAL. | | 12/08/87 | 01/05/88 | / / |
| NO10-7 | MECH | 87-01972 | A. UNIDENTIFIED PENETRATION. REMOVE AND EAR DP87-066 REPLACE SEAL. | | 12/08/87 | 01/05/88 | / / |
| NO1087-1993 | MECH | 87-01993 | A. REPAIR PLASTER. | WR 140372 | 12/14/87 | 01/05/88 | / / |
| NO1087-1994 | MECH | 87-01994 | A. REPAIR PLASTER. | WR 140372 | 12/14/87 | 01/05/88 | / / |
| 081264 | MECH | 87-01988 | A. DELETING CONDUIT. | WR 140372 | 12/12/87 | 01/05/88 | / / |
| W01363 | MECH | 87-01989 | A. DELETING CONDUIT. | WR 140372 | 12/12/87 | 01/05/88 | / / |
| W01364 | MECH | 87-01990 | A. DELETING CONDUIT. | WR 140372 | 12/12/87 | 01/05/88 | / / |