



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 1, 1994

MEMORANDUM FOR: Those on Attached List  
FROM: Leif J. Norrholm, Chief  
Vendor Inspection Branch  
Division of Reactor Inspection  
and Licensee Performance  
Office of Nuclear Reactor Regulation  
SUBJECT: MONTHLY UPDATE OF VENDOR INSPECTION BRANCH PART 21 TRACKING  
SYSTEM - MONTH OF JANUARY, 1994

Attached is the January update of the Part 21 database maintained by the Vendor Inspection Branch (VIB). It identifies those new Part 21 issues appended to the database during the month of January. In addition to formal Part 21 submittals, it also contains LER, Part 50.55(e), and Part 50.72 issues as well as other communications that were determined to possibly address Part 21 type matters that require review. If you are aware of any Part 21 type matters that are not included in the database, or if you need additional information regarding the Part 21 issues assigned to your branch or the Part 21 review program itself, please contact Walter Haass at 504-3219.

Leif J. Norrholm, Chief  
Vendor Inspection Branch  
Division of Reactor Inspection  
and Licensee Performance  
Office of Nuclear Reactor Regulation

Enclosure:  
Part 21 Tracking System and Monthly Update

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10 CFR PART 21 TRACKING SYSTEM

VENDOR INSPECTION BRANCH  
DIVISION OF REACTOR INSPECTION AND LICENSEE PERFORMANCE

| LOG # | SUB REPORT AND DATE VENDOR CODE | ACCESSION NUMBER | ASSIGNED        | CLOSURE DESCRIPTION OUT CODE  |
|-------|---------------------------------|------------------|-----------------|---|
| 94001 | E296 12/08/93<br>GLBM           | 9312270214       | RVIB: R.FRAHM   | VASU ENVIROTECH CONTROLS, INC REPORTS FAILURE OF A PEN DRIVE SERVO MOTOR IN A WESTRONICS RECORDER DUE TO DAMAGED SHUNT LEADS DURING MANUFACTURE & SEPARATION DURING OPERATION. LICENSEES AFFECTED HAVE BEEN IDENTIFIED.<br><br>DUE BY: 3/3/94   |
| 94002 | GFC 11/18/93<br>D245            | 9311300065       | RVIB: R.WILSON  | NGTR GEORGIA POWER/VOGTL 2 REPORTS DESIGN DEFECT IN A SPEED MONITOR WHICH CAUSED ELECT G/S TRIP OF APW PUMP DUE TO ELECT NOISE RIPPLES FROM OPERATION OF DC MOTOR OPERATED PUMP DISCHARGE VALVES. LICENSEE FAILED TO INSPECT/TEST FOR PROPER OPERATION.<br><br>DUE BY: 3/3/94             |
| 94003 | E296 11/17/93                   | 9312090309       | RVIB: R.FRAHM   | VASU ENVIROTECH CONTROLS, INC REPORTS THAT TEST INDICATES SUSCEPTIBILITY OF WESTRONICS SERIES 2100C RECORDERS TO INTERFERENCE CAUSED BY RADIATION FIELD STRENGTH OF 10V/m PER SAME STD IEC 33.1, CLASS 1. AFFECTED LICENSEES IDENTIFIED.<br><br>DUE BY: 3/3/94                            |
| 94004 | C476 01/07/94<br>VEP            | 9401130243       | RVIB: W.HAASS   | VASU COLTEC INDUSTRIES REPORTS FAILURE OF AIR START DISTRIBUTOR CAM IN AN EDG AS NOTIFIED BY VEPCO. CAM CRACKED DUE TO ARC MARKING & HIGH HOOP STRESS DUE TO HIGHER BOLT TORQUE AS RESULT OF SHAFT TAPEX CAMS SO MARKED SHOULD BE REPLCD. AFTD LICENSEES NOTIFIED.<br><br>DUE BY: 1/15/94 |
| 94005 | IPC 12/22/93<br>L200<br>A391    | 9401050119       | RVIB: D.BREWER  | ILLINOIS POWER/CLINTON PROVIDES CORRECTION OF IDENTIFICATION OF ACTUATOR FOR MOV IN HPCS SYSTEM. ACTUATOR IS 80 FT-LB RATHER THAN 40 FT-LB. SEE LOG #93454.<br><br>DUE BY: 1/24/94  |
| 94006 | B350 01/06/94                   |                  | EMEB:SCARBROUGH | INIS BW/IP INTERNATIONAL REPORTS MOV STEM THRUST USED FOR OPERATOR SIZING MAY NOT BE CONSERV. & ACTUAL THRUST MAY EXCEED DESIGN VALUE. EPRI CONDUCTING TESTS IN RESPONSE TO GL 89-10, 6", 900 LB CLASS, Y PTRN GLOBE TESTED. SEE 93356/93250/92147. SEE IN 93-86.<br><br>DUE BY: 2/1/94   |
| 94007 | IPC 01/11/94<br>I392<br>I212    |                  | RVIB: ALEXANDER | ILLINOIS POWER/CLINTON REPORTS FAILURE TO TRIP OF ONE POLE OF THREE ON MCCB, TYPE HE, THREE-POLE, 100 AMPS, 600/480 VAC DURING PRETESTING. CAUSE NOT DETERMINED AS YET.<br><br>DUE BY: 3/19/94  |
| 94008 | IPC 01/07/94<br>.20             |                  | RVIB: K.NAJDU   | ILLINOIS POWER/CLINTON REPORTS FINDING BROKEN/INCORRECTLY CONFIGURED/POORLY CONSTRUCTED PUFFER TUBE ASSEMBLIES FOR 4160VAC BREAKERS.<br><br>DUE BY: 3/21/94   |
| 94009 | TVA 01/07/94                    |                  | RVIB:U.POLAPOVE | TENNESSEE VALLEY AUTH/SEQUOYAH 2 REPORTS BROKEN SHAFT ON CENTRIFUGAL CHARGING PUMP PROBABLY DUE TO OPERATION UNDER GAS-BINDING CONDITIONS.<br><br>DUE BY: 1/21/94   |

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| 94010 | WCNO 01/04/94                 |                  | RVIB: K.NAIDU<br><br>DUE BY: 3/21/94                  | WOLF CREEK 1 REPORTS POTENTIAL FOR 120 MB TYPE INDICATING LAMPS TO BLOW CONTROL POWER TRANSFORMER FUSES RENDERING SAFETY SYSTEMS INOPERABLE. FILAMENTS BECOME CROSS, LOWERING RESISTANCE & INCREASING CURRENT & BLOWING FUSE.                                     |
| 94011 | B340 12/23/93                 | 9401060176       | EGCB: G.BAGCHI<br><br>DUE BY: 1/21/94                 | VASU BOEING COMPUTER SERVICES REPORTS RECEIPT OF ERROR NOTICE FROM FORMER SOFTWARE SUPPLIERS REGARDING INCORRECT ANSWERS/LACK OF TASK COMPLETION FOR GTSTRUDL. ALL CUSTOMERS NOTIFIED EXCEPT FOR FIVE THAT CANNOT BE LOCATED. ERROR DOES NOT AFFECT PROB RESULTS. |
| 94012 | FBI 12/21/93<br>T392          | 9312290098       | RVIB: E.ROGERS<br><br>DUE BY: 3/21/94                 | FARWELL & HENDRICKS PROVIDES FURTHER INFO REGARDING TELEMECANIQUE E20/L10 STYLE OVERLOAD RELAYS THAT CAN TEMPOR OPEN & RECLOSE W/O FULLY TRIPPING DUE TO "OVER CENTER TOGGLE SWITCH" DESIGN. SEE LOG#93444.   |
| 94013 | PEG 12/13/93<br>CADC          | 9312220220       | RVIB: R.MCINTYRE<br><br>DUE BY: 1/24/94               | PUBLIC SERVICE E&G REPORTS DISCOVERY OF NONCONFORMING HP INJECTION TUBE STUDS FOR CYLINDER HEADS ON EDGS AT SALEM. STUDS DO NOT MEET CORRECT MATL STD & ARE OF INCORRECT GEOMETRY. NONCONFORMING STUDS HAVE BEEN REPLACED.  |
| 94014 | NYPA 12/20/93<br>F130         | 9401030354       | RVIB: U.POTAPOVS<br><br>DUE BY: 1/24/94               | NEW YORK POWER AUTHORITY/IP 3 REPORTS RECEIPT OF FISHER CONTROLS INFO NOTICE REGARDING POSS BUTTERFLY VALVE WOODRUFF KEY FAILURE AINVENT. MIXING OF HI STRENGTH/LO STRENGTH KEYS. TYPES 7600, 7700, 7800, 9100, 9200, & 9500 VALV. AFFTD. ALL CUSTOMERS NOTIFIED. |
| 94015 | NYPA 12/20/93<br>F130         | 9401030354       | RVIB: U.POTAPOVS<br><br>DUE BY: 1/24/94               | NEW YORK POWER AUTHORITY REPORTS RECEIPT OF FISHER INFO NOTICE REGARDING FAILURE OF DIAPHS WHEN SIZE 80 DIAPH CAP SCREWS WERE TIGHT ENED TO RECOMM VALUES. VALUES DETER TO BE MIN VALUES & AND SHOULD BE INCRSD TO 50 FT-LB FOR DIAPH RPLCMNT. CUST NOTIFIED.     |
| 94016 | NYPA 12/20/93<br>F130         | 9401030354       | RVIB: U.POTAPOVS<br><br>DUE BY: 1/24/94               | NEW YORK POWER AUTHORITY REPORTS RECEIPT OF FISHER INFO NOTICE REGARDING POSSIBLE MISSING BUTTERFLY VALVE TAPER PINS (THERE ARE 3 PER VALVE). TYPES 7600, 7700, 7800, 9100, 9200 & 9500 SERIES VALVES AFFCTD. ALL CUSTOMERS NOTIFIED.                             |
| 94017 | C470 04/25/91<br>PEC          |                  | RVIB: W.BAASS<br><br>DUE BY: 1/24/94                  | VASU COLTEC INDUSTRIES PROVIDES A SIL REGARDING POTENTIAL WEAR PROBLEM OF TANG ON OVERSPEED GOVERNOR SHAFT WHICH PILOTS INTO SLOT ON END OF AIR START DISTRIBUTOR SHAFT. WEAR CAUSED BY MISALIGNMENT. ALL AFFECTED LICENSEES NOTIFIED.                            |
| 94018 | B015 01/12/94<br>DPC          |                  | EMCB: STROSNIDER<br>RVIB: INFO<br><br>DUE BY: 1/25/94 | B&W NUCLEAR TECH REPORTS ON FINDING 8 OTSG PLUGS IN RCS. A TOTAL OF 14 PLUGS MISSING FROM TUBES WHERE THEY WERE INSTALLED. PLUGS INSTALLED WITH ROGER KOLL TOOL. OTHER PLANTS USING SAME PROCESS BEING IDENTIFIED. SEE LOG#94019.                                 |

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| 94019 | B015 | 01/18/94 |            | EMCB STROSNIDER  |      | B&W NUCLEAR TECH IDENTIFIES NUCLEAR PLANT SITES WHERE B&W HAS INSTALLED MECHANICAL PLUGS DURING THE PAST 5 YEARS. 31 NUCLEAR UNITS IDENTIFIED. SEE LOG#94018.  |
|       |      |          |            | DUE BY: 1/25/94  |      |  |
| 94020 | N007 | 01/07/94 | 9401140019 | RVIB: G.OWALINA  | CTBI | NAMCO CONTROLS REPORTS IMPROPER OPERATION OF NAMCO CONTROLS LIMIT SWITCH EA180-32302 AT BOHUNICE NP IN SOLVAKIA. NORMALLY CLOSED CONTACTS WOULD NOT CONSISTENTLY RETURN TO INITIAL POSITION AFTER ACTUATION.   |
|       |      |          |            | DUE BY: 3/31/94  |      |  |
| 94021 | B455 | 12/22/93 | 9401120005 | RVIB: B.ROGERS   |      | ABB DIST SYS DIV REPORTS ON POTENTIAL PROBLEM CONCERNING IMPROPER LUGGING OF WIRE TERMINATIONS ON ABB C/B TYPE K600s/800s RESULTING IN POSSIBLE LACK OF CONTACT BETWEEN WIRE & TERM. CORRECTIVE ACTION PROVIDED. SEE LOG#93398.                              |
|       | NSF  |          |            | DUE BY: 3/24/94  |      |  |
| 94022 | C470 | 01/21/94 |            | RVIB: W.HAASS    | VASU | COLTEC INDUSTRIES REVISES REPORT ON FAILURE OF AIR START DISTRIBUTOR CAM IN EDG DISCOVERED DURING MAINTENANCE. ALL CAMS SHIPPED BEFORE 1994 ARE NOW SUSPECT. CORR ACTION SPECIFIED & ALL AFFECTED LICENSEES NOTIFIED. SEE LOG#93004.                         |
|       | VEP  |          |            | DUE BY: 3/24/94  |      |  |
| 94023 | N007 | 01/24/94 |            | RVIB: R.FRAHM    |      | NAMCO CONTROLS PROVIDES TECH BULLETIN AS FINAL RESOLUTION OF IMPROPERLY OPERATING EA180-32302 LIMIT SWITCH. RETURN SPRING WAS SHORTER THAN SPECIFIED ON DWG. DUE TO HUMAN ERROR. CORR ACTION TAKEN & ALL AFFECTED LICENSEES WILL BE NOTIFIED. SEE LOG#94020. |
|       |      |          |            | DUE BY: 3/31/94  |      |  |
| 94024 | W120 | 12/21/93 |            | RVIB: U.POTAPOVC |      | WESTINGHOUSE REPORTS TO PALO VERDE INFO REGARDING DEFICIENCIES IN ANCHOR/DARLING 3", 4", & 8" SWING CHECK VALVES. DOWEL PINS ARE DETERMINED TO BE TOO SHORT & SHOULD BE REPLACED WITH PINS OF PROPER LENGTH.   |
|       | A391 |          |            | DUE BY: 3/25/94  |      |  |
|       | AFS  |          |            |                  |      |  |
| 94025 | TUG  | 01/19/94 |            | RVIB: W.HAASS    |      | TEXAS UTILITIES/COMANCHE PEAK REPORTS FAILURE OF DAMPER BLADE TODAMPER ROD RETAINING BOLTS ON GRAVITY DAMPERS FOR EDG ROOM VENT FAN. FIVE GRAVITY DAMPERS INVOLVED. BOLTS REPLACED WITH HIGH STRENGTH BOLTS.   |
|       | P014 |          |            | DUE BY: 3/25/94  |      |  |
| 94026 | C515 | 01/19/94 |            | RVIB: B.ROGERS   |      | CONAX BUFFALO REPORTS DEFECTS IN CERTAIN MODELS OF NUCLEAR SERVICE CONNECTORS USED IN QUICK-DISCONNECT APPLICATIONS SENSITIVE TO FLUCTUATIONS IN RESISTANCE. INADEQUATE CONDUCTOR CRIMPING MAY BE RESPONS. C/B TO NOTIFY ALL UTILITY CUST.                   |
|       | W120 |          |            | DUE BY: 3/25/94  |      |  |
| 94027 | CWE  | 10/29/93 | 9311010221 | RVIB: D.BREWER   |      | COMMONWEALTH EDISON PROVIDES FINAL INFO ON SEPARATION OF VITON SEATS ON DUAL PLATE CHECK VALVES. ALL DEFECTIVE VALVES TO BE REPLACED. SEE LOG#93363/93400/93406.   |
|       | C283 |          |            | DUE BY: 3/28/94  |      |  |

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| 94028 | NMP  | 10/13/93 | 9310200224 | RVIB: R. PETTIS  |      | NIAGARA MOHAWK/NMP-2 REPORTS FAILURE OF CHARCOAL FILTER ABSORBERS TO LIMIT BYPASS LEAKAGE TO LESS THAN 0.051 DUE TO INADEQUATE WRITTEN COMMUNICATION IN THE VENDOR MANUAL. VENDOR MANUAL BEING REVISED.                                   |
|       | M335 |          |            | DUE BY: 3/28/94  |      |   |
| 94029 | NNE  | 11/23/93 | 9312040029 | EMEB: SCARBROUGH |      | NORTHEAST NUCLEAR ENERGY/MILLSTONE-2 REPORTS SUSCEPTIBILITY TO FAILURE OF MOV ACTUATOR MOTOR BRAKES TO DISENGAGE DURING DESIGN BASIS UNDERVOLTAGE CONDITION FOR FW VALVES. MOTOR BRAKES WERE REMOVED. SEE LOG#93330/93350.                |
|       | L200 |          |            | DUE BY: 3/28/94  |      |   |
| 94030 | PGE  | 10/18/93 | 9310290084 | SRXB: R. JONES   |      | PACIFIC G&E/DIABLO CANYON 1/2 REPORTS HEAT FLUX HOT CHANNEL FACTOR PENALTY OF 21 MAY BE NONCONSERVATIVE FOR UNIT 1/CYCLE 6 DUE TO LACK OF CONSIDERATION OF LO-LO LEAKAGE LOADING PATTERNS & OTHER FACTORS IN WEST. METHODOLOGY.           |
|       | W120 |          |            | DUE BY: 7/3/94   |      |   |
| 94031 | PGE  | 10/19/93 | 9310280151 | SELB: McCracken  |      | PACIFIC G&E/DIABLO CANYON 1 REPORTS LACK OF CONFORMANCE TO ASME SECT III RQMTS DUE TO MANUAL BLOCK VALVES INSTALLED DOWNSTREAM/UPSTREAM OF RELIEF VALVES. WEST RQSTD TO PERFORM RESEARCH OF GENERIC DESIGN ISSUE. RELIEF RQSTD FROM ASME. |
|       | W120 |          |            | DUE BY: 2/3/94   |      |   |
| 94032 | R369 | 11/05/93 | 9311160079 | RVIB: PETROSINO  |      | ROSEMOUNT REPORTS GASKET SUPPLIED WITH 177HW RESISTANCE-TEMPERATURE DETECTOR ASSEMBLY FROM 9/91 THRU 10/92 UNDER F/N C09996-0001 INCORP MAT'L CHANGE WHICH WAS NOT QUALIFIED. AFFECTED CUSTOMERS NOTIFIED & CORR ACTION SPECIFIED.        |
|       |      |          |            | DUE BY: 3/30/94  |      |   |
| 94033 | B340 | 12/07/93 | 9312160234 | EGCB: G. BAGCHI  |      | BOEING COMPUTER SERVICES REPORTS RECEIPT OF ERROR NOTICE FROM QUADREX REGARDING NUPIPE-II CODE. ERROR INVOLVES USE OF INCORRECT SECTION MODULUS FOR CERTAIN CONFIGURATIONS. NOT ALL USERS COULD BE CONTACTED.                             |
|       |      |          |            | DUE BY: 2/7/94   |      |   |
| 94034 | B340 | 12/16/93 | 9312280082 | EGCB: G. BAGCHI  | NGTR | BOEING COMPUTER SERVICES REPORTS RECEIPT OF ERROR NOTICE FROM LPSF GEORGIA TECH REGARDING GSTRUDL. ERROR INVOLVES POTENTIAL FOR PROGRAM ABORT AS A RESULT OF CERTAIN COMMAND EXECUTIONS. NOT ALL USERS CONTACTED.                         |
|       |      |          |            | DUE BY: 2/7/94   |      |   |
| 94035 | TVA  | 04/22/93 | 9304260154 | EMEB: J. NORBERG |      | TENNESSEE VALLEY AUTHORITY/BROWNS FERRY-2 REPORTS FAILURE OF SIXMS S/R VALVES TO MEET SETPOINT TEST ACCEP CRIT APPARENTLY DUE TO CORROSION BONDING AT DISC/SEAT INTERFACE. MAT'L CHANGE CONTEMPLATED. BWROG & VENDOR INVESTIGATING.       |
|       | T020 |          |            | DUE BY: 2/7/94   |      |   |
|       | W336 |          |            |                  |      |   |
| 94036 | B340 | 01/11/94 | 9401250106 | EGCB: G. BAGCHI  |      | BOEING COMPUTER SERVICES REPORTS RECEIPT OF ERROR NOTICE FROM GEORGIA TECH REGARDING POSSIBLE INCORRECT ANSWERS FROM GSTRUDL. NOT ALL NUCLEAR CUSTOMERS NOTIFIED.   |
|       |      |          |            | DUE BY: 2/7/94   |      |   |

Central files

PDR  
LPDR

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Addressees - Memorandum dated 2/1/94

L. Joe Callan, Acting Associate Director, ADPR  
William T. Russell, Associate Director, ADT  
Charles E. Rossi, Director, DRIL  
Brian K. Grimes, Director, DORS  
James T. Wiggins, Director, DE  
Ashok C. Thadani, Director, DSSA  
Frank J. Congel, Director, DRSS  
Jack W. Roe, Director, DRPW  
Steve Varga, Director, DRPE  
Dennis M. Crutchfield, Associate Director, ADAR  
Jack R. Strosnider, Branch Chief, EMCB  
James A. Norberg, Branch Chief, EMEB  
Goutam Bagchi, Branch Chief, ECGB  
Jared S. Wermiel, Branch Chief, HICB  
Carl H. Berlinger, Branch Chief, EELB  
Conrad E. McCracken, Branch Chief, SPLB  
Robert C. Jones, Branch Chief, SRXB  
Alfred E. Chaffee, Branch Chief, OEAB  
Kathy Gray, OEAB/NRR  
Gail H. Marcus, Branch Chief, OGCB  
Gregory Cwalina, Section Chief, RIS-2, VIB  
Eugene Imbro, Branch Chief, SIB  
William D. Beckner, Branch Chief, SPSB  
Lemoine Cunningham, Branch Chief, PSRPB  
Edward J. Butcher, Deputy Director, DRSS  
Anthony T. Gody, Branch Chief, ILPB  
Donald R. Haverkamp, Chief, TSS, Region I  
Ellis W. Merschhoff, Director, DRP, Region II  
Stephen J. Vias, Chief, TSS, Region II  
Robert A. Hasse, Chief, TSS, Region III  
A. Bill Beach, Director, DRSS, Region IV  
Kenneth Perkins, Director, DRSP, Region V  
R. Lee Spessard, Director, DOA/AEOD  
Gary M. Holahan, Director, DSP/AEOD  
John A. Skoczlas, Jr. TB/IRM  
Scott Newberry, Branch Chief, PDLR  
Karen H. Vandermeel, SECY/PDR, LL-6  
Richard J. Barrett, Branch Chief, SCSB