

50-498/499

January 22, 1997

MEMORANDUM FOR: Thomas W. Alexion
Project Manager, South Texas Project
Project Directorate IV-1
Office of Nuclear Reactor Regulation

THROUGH: Robert L. Dennig, Chief [Original signed by]
Section B
Events Assessment and Generic Communications Branch
Office of Nuclear Reactor Regulation

FROM: C. Vern Hodge
Part 21 Coordinator
Events Assessment and Generic Communications Branch
Office of Nuclear Reactor Regulation

SUBJECT: REQUESTED LIST OF RECENT PART 21 REPORTS

In response to his telephone request, please transmit on the docket the attached computer listing of recent Part 21 reports to Rick Foote of the Houston Lighting & Power Company, the licensee for the South Texas Project. To minimize the effort required to furnish this response, the 50-page listing is obtained from a standard report form in the NRC internal Events Tracking System.

The listing contains eight fields of use to the NRC staff involved with the review and evaluation of Part 21 related information. To assist Mr. Foote in learning of the concerns reported, we have ordered the individual entries by the vendor or site name. The fields with dates, assigned reviewer, Part 21 log number, and event type have administrative value only and probably will not be of use to non-NRC staff. The report number field may be of interest and use. This field may contain the accession number to identify the document in the NRC Public Document Room (PDR), the number of an event notification report prepared by the NRC Operations Center based upon a phone call received by NRC, or the number of an internal report prepared by regional NRC staff based upon observations, etc. These internal reports are placed in the PDR but are not kept by the PDR.

The items are ordered by vendor name and contain a brief synopsis of each report. The first page of the attachment contains a legend explaining the meaning of the several columns.

Attachment: Part 21 Follow-Up Assignments

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PART 21 FOLLOW-UP ASSIGNMENTS

Legend:

Assignment Date	The date of formal assignment of the Part 21 report to an NRC staff engineer. This date is not necessarily the date of the report but in most case is close to that date.
Report	This column contains ten-digit accession numbers to the NRC <u>Nu Documents System</u> (these reports would be the most accessible to Mr. Foote in the Public Document Room), five-digit NRC internal event notification numbers, or nine-character NRC internal morning report numbers.
Closing Date	The date of completion of the formal assignment, including documentation in the NRC internal Events Tracking System.
Vendor	Abbreviated names of entities supplying or associated (vendor, supplier, or plant) with the report.
Assigned To	The name of the NRC staff engineer receiving the formal assignment.
Subject	Self-explanatory. Part 21 log numbers appearing in this column only have meaning to the NRC internal system for managing these reports.
Part 21 Number	Five-digit log numbers for the NRC internal system for managing these reports. In 1995, this number is unique for each report. In 1996, the reports are sequentially numbered (fifth digit) within each issue group (third and fourth digits).
Event Type	Mnemonic designations pertinent to the NRC internal system for managing all event information.

PART 21 FOLLOW-UP ASSIGNMENTS

SORT> Plant Name
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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
08/14/95	0		ABB	GREENE T.	<p>The short name for this issue is relay eq. The description of the lead Part 21 report given in the old TQM dBase file is:</p> <p>94243 F - ASEA BROWN BOVERI REPORTS ON RESULTS OF IRRADIATION TESTING OF TYPE 27N RELAYS; DEGRADATION FOUND ABOVE TOTAL DOSE OF 10E3 RADS,GAMMA. LICENSEES NOTIFIED. SEE LOG #92196/92240 & 94273 FOR CORRECTIONS.</p> <p>Additional related Part 21 reports are described in the closeout section below.</p>	94243	TBD
12/06/95	0	12/13/95	ABB	BIRMINGHAM J.	<p>PART 21 LOG #95-226: ABB REPORTS THAT SAN ONOFRE EXPERIENCED A FAILURE OF A CONDUCTOR STRIP ON A "SECONDARY DISCONNECT DEVICE" ON AN ITE 5HK CIRCUIT BREAKER. THE EFFECT OF THE FAILURE IS POTENTIAL TO DEFEAT ELECTRICAL CONTROL OF THE BREAKER. MANUAL LOCAL CONTROL WOULD BE NEEDED.</p>	95226	OTH
01/25/96	0	03/27/96	ABB	SKEEN D.	<p>PART 21 LOG #96050 - LETTER REPORT FROM ABB DATED NOVEMBER 20, 1995. REPORT DETAILS ROOT CAUSE FINDINGS FROM INVESTIGATION OF FAILURES OF POWER SHIELD TRIP UNITS, TYPE SS-13 PART NUMBER 609901-T012, SERIAL NUMBERS 45779 AND 45778. ADVISES THAT PROBLEM CAN BE TRACED TO DEFECTIVE SOLDER CONNECTIONS AND THAT ABB WILL NOTIFY END USERS. RELATED TO EN 29426, PART 21 LOG #95213 PREVIOUSLY ASSIGNED. CLOSEOUT UNDER EN 29426.</p>	96050	OTH
01/25/96	0	03/27/96	ABB	SKEEN D.	<p>PART 21 LOG #96051 - FINAL PART 21 REPORT FROM CLINTON DATED 12/20/95 NOTING RECEIPT OF REPORT FROM FROM ABB DATED NOVEMBER 20, 1995. REPORT DETAILS ROOT CAUSE FINDINGS FROM INVESTIGATION OF FAILURES OF POWER SHIELD TRIP UNITS, TYPE SS-13 PART NUMBER 609901-T012, SERIAL NUMBERS 45779 AND 45778. ADVISES THAT PROBLEM CAN BE TRACED TO DEFECTIVE SOLDER CONNECTIONS AND THAT ABB WILL NOTIFY END USERS. SUMMARIZES CLINTON EXPERIENCE AND CORRECTIVE ACTIONS. RELATED TO EN 29426, PART 21 LOG #95213 PREVIOUSLY ASSIGNED. CLOSEOUT UNDER EN 29426.</p>	96051	OTH
05/03/95	9505090013	05/03/95	ABB	KOSHY T.		95126	

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07/18/96	30753		ABB	SKEEN D.	PART 21 LOG #96620 - ABB RELAY DIVISION REPORTS THAT QUALIFICATION DOCUMENTATION FOR COM-5 CLASS 1E RELAYS MAY NOT BE IN ORDER. YANKEE ATOMIC REVIEW OF VENDOR REVEALED ISSUE.	96620	
07/18/96	30752		ABB	HODGE V.	PART 21 LOG #96620 - ABB RELAY DIVISION REPORTS THAT QUALIFICATION DOCUMENTATION FOR COM-5 CLASS 1E RELAYS MAY NOT BE IN ORDER. YANKEE ATOMIC REVIEW OF VENDOR REVEALED ISSUE.	96630	
09/13/96	9508020264		ABB	SKEEN D.	Potential defective tap block, ABB part number 609224-001, for ABB type 51,87T relays, used for electronic protection in electrical switchgear. This part is a seven (7) position tap block located on the upper transformer printed circuit board. This part is used to change the relay's current settings. The tap block is designed to revert to the highest tap rating when the tap pin is removed. A small percentage (.0025) of these tap blocks were found to be defective from the ABB supplier. When the tap pin is removed the tap block will open circuit the transformer circuit. The transformer circuit is externally wired to the system current transformers. When the circuit transformers are open circuited a large voltage is possible, creating a hazard to the operator.	95184	
05/20/96	29263	05/23/96	ABB COMBUSTION	DENNIG R.	PART 21 LOG #95198 - EN CONCERNING CONSUMERS POWER DISCOVERY OF AN ERROR IN THE WIRING OF RPS LOGIC THAT WOULD HAVE PREVENTED REACTOR TRIP ON VALID CONTAINMENT PRESSURE HIGH SIGNAL. CONDITION BELIEVED TO BE LIMITED TO PALISADES.	95198	
05/20/96	0	05/23/96	ABB COMBUSTION	DENNIG R.	PART 21 LOG #95199 - REPORT CONCERNING CONSUMERS POWER DISCOVERY OF AN ERROR IN THE WIRING OF RPS LOGIC THAT WOULD HAVE PREVENTED REACTOR TRIP ON VALID CONTAINMENT PRESSURE HIGH SIGNAL. CONDITION BELIEVED TO BE LIMITED TO PALISADES. CLOSEOUT DOCUMENTED UNDER PART 21 LOG #95198.	95199	
05/06/96	29965	07/10/96	ABB COMBUSTION ENGINE	HUNEMULLER N.	PART 21 LOG #96350 - ABB REPORTS A POTENTIAL DEFFECT INVOLVING THE HIGH LOGARITHMIC POWER CHANNEL TRIP FUNCTION. EN 29965 MENTIONS SAN ONOFRE AND WATERFORD AS AFFECTED.	96350	GEN

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04/16/96	0	05/21/96	ABB POWER	SKEEN D.	PART 21 LOG #96190 - ABB REPORTS POTENTIAL DEFECT OF A SUBCOMPONENT OF THE CVE-1 CLASS 1E ELECTROMECHANICAL RELAY. THE POTENTIAL DEFECT RELATES TO THE DC "T" RELAY POSSIBLY OVERHEATING IN SERVICE. CORRECTIVE ACTION WAS TO UPGRADE THE RELAY. ALL PURCHASERS WERE NOTIFIED.	96190	
04/16/96	0	04/16/96	ABB POWER	SKEEN D.	PART 21 LOG #96191 - ABB PROVIDES A MINOR CORRECTION TO NOTIFICATION DATED 1/25/96, PART 21 LOG #96190. CLOSEOUT OF ISSUE TO BE DOCUMENTED UNDER #96190.	96191	
07/19/95	9507070477	11/01/95	ABB POWER T&D COMPANY	SKEEN D.	PART 21 LOG #95156 - NOTIFICATION OF A POTENTIAL DEFECT IN CLASS 1E TYPE CVE-1 RELAY STYLE NUMBERS 1326D67A01 AND ...A02. THESE RELAYS HAVE TWO 110 VOLT RATED TELEPHONE RELAYS. SHOULD BE 120 VOLT TO HANDLE VOLTAGES IN TYPICAL SERVICE. COULD CAUSE RELAY TO OVERHEAT AND FAIL. NOTICE SENT TO ALL CUSTOMERS SHOWN IN RECORDS.	95156	OTH
05/13/96	9507110099	05/13/96	ABB TURBO SYSTEM	BENNER E.	MODEL VTR 500 TURBO CHARGER; FATIGUE FAILURE OF COMPRESSION WHEEL.	95182	
08/16/95	0	08/17/95	ABB TURBO SYSTEMS	BENNER E.	EDG Turbo Charger failures. These turbo chargers were dedicated by the licensee and reported in EN 28997 & 29016. The copy licensee letter is also filed under 95158. This problem is tracked for closure through EN 28997.	95157	
10/21/96	31178	11/12/96	ABB-CE	HODGE V.	ABB-CE RELOAD SAFETY ANALYSIS METHODOLOGY USES DEFECTIVE CYCLE-SPECIFIC EVALUATION CRITERION TO VERIFY CONTINUED CONSERVATISM. AFFECTS SEVERAL PLANTS.	96560	EOI
12/30/96	9604300099		ABB-CE	HODGE V.	NOT A PART 21 REPORT: LICENSEE RESPONSE TO INSPECTION FINDING OF NONCONFORMANCE WITH PART 21 RE NEGATIVE PART 21 EVALUATIONS.	96400	
05/06/96	9510110287	05/22/96	AEROFIN	CARTER J.	Part 21 #95-212 Product may utilize fasteners with inadequate strength.	95212	GEN
05/06/96	9602220425	05/16/96	AEROFIN	CARTER J.	Part 21 #96-064 Product may utilize fasteners with inadequate strength.	96064	

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11/03/95	0	11/08/95	AGCO	CARTER J.	PART 21 LOG #95188 - CORRESPONDENCE FROM KEYSTONE SUBSIDIARY OF AGCO PROVIDES TESTING RESULTS FOR AIR VS WATER CALIBRATION PROBLEM WITH MODEL 81P RELIEF VALVES. ISSUE CLOSED OUT UNDER EN 29066 (PART 21 #95163) USED INFO FROM THIS CORRESPONDENCE. NO FURTHER ACTION.	95188	
07/20/95	29066	08/18/95	AGCO (SUB. OF KEYSTON	CARTER J.	PART 21 LOG #95163 - ANDERSON GREENWOOD (AGCO) REPORTS POTENTIAL CLIBRATION PROBLEM FOR MODEL 81P RELIEF VALVES. SHOULD BE CALIBRATED WITH FLUID, BUT MAY BE CALIBRATED WITH AIR IN THE FIELD DUE TO INAPPROPRIATE GUIDANCE IN ACCOMPANYING PROCEDURES. IN THE LATTER CASE MAY BE OFF BY 40% AT LOW SET PRESSURES (100 PSI). DUKE POWER HAS READJUSTED SOME VALVES USING THE AIR METHOD.	95163	OTH
07/20/95	0	07/21/95	AGCO (SUB. OF KEYSTON	CARTER J.	PART 21 LOG #95164 - ANDERSON GREENWOOD (AGCO) REPORTS POTENTIAL CLIBRATION PROBLEM FOR MODEL 81P RELIEF VALVES. SHOULD BE CALIBRATED WITH FLUID, BUT MAY BE CALIBRATED WITH AIR IN THE FIELD DUE TO INAPPROPRIATE GUIDANCE IN ACCOMPANYING PROCEDURES. IN THE LATTER CASE MAY BE OFF BY 40% AT LOW SET PRESSURES (100 PSI). DUKE POWER HAS READJUSTED SOME VALVES USING THE AIR METHOD. THIS ITEM PROVIDES DETAILED FAX FROM AGCO. RELATED TO PART 21 LOG #95163, EN 29066. CLOSEOUT WILL BE DOCUMENTED AGAINST ISSUE 95024, FOUND UNDER EN 29066.	95164	
04/12/96	30021	04/16/96	AMER INDUSTRIAL TECHN	DENNIG R.	PART 21 LOG #96270 - 50.72 VERSION OF A NOTIFICATION FROM AMER INDUSTRIAL TECHNOLOGIES THAT THEY DID NOT APPROPRIATELY PERFORM COMMERCIAL DEDICATION FOR BECHTEL ON FILTER ELEMENTS PROCURED FROM NORMAN ULTRAPOROUS FILTERS FOR USE AT CALVERT CLIFFS AS PART OF THE CALVERT CLIFFS DIESEL GENERATOR PROJECT. RELATED TO PART 21 LOG #96271.	96270	

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04/12/96	0	04/16/96	AMER INDUSTRIAL TECHN	DENNIG R.	PART 21 LOG #96271 - NOTIFICATION FROM AMER INDUSTRIAL TECHNOLOGIES THAT THEY DID NOT APPROPRIATELY PERFORM COMMERCIAL DEDICATION FOR BECHTEL ON FILTER ELEMENTS PROCURED FROM WOLLMAN ULTRAPOROUS FILTERS FOR USE AT CALVERT CLIFFS AS PART OF THE CALVERT CLIFFS DIESEL GENERATOR PROJECT. RELATED TO PART 21 LOG #96270. THE REPORTS INDICATE NO ACTUAL DEFICIENCY OR FAILURE, NOR DO THEY PROVIDE ANY INFORMATION THAT SUPPORTS A CONCLUSION THAT OTHER PLANTS WERE AFFECTED. NO FURTHER ACTION IS JUSTIFIED AT THIS TIME.	96271	
05/13/96	9508280137	05/13/96	AMERACE	SKEEN D.	PART 21 - 95-183: AMERACE ELECTRONIC COMPONENTS, MANUFACTURER OF E7000 SERIES RELAY TIMERS THAT ARE USED IN VARIOUS SAFETY-RELATED APPLICATIONS AT ALL 12 COMMONWEALTH EDISON NUCLEAR POWER PLANTS, REDUCED THE CONTACT RATING FOR THESE TIMERS. CONSEQUENTLY, SOME RELAYS MAY NOW BE MISAPPLIED.	95183	
05/13/96	9510300253	05/13/96	AMERACE	SKEEN D.	AMERACE ELECTRONIC COMPONENTS, MANUFACTURER OF E7000 SERIES RELAY TIMERS THAT ARE USED IN VARIOUS SAFETY-RELATED APPLICATIONS AT ALL 12 COMMONWEALTH EDISON NUCLEAR POWER PLANTS, REDUCED THE CONTACT RATING FOR THESE TIMERS. CONSEQUENTLY, SOME RELAYS MAY NOW BE MISAPPLIED.	95221	
12/07/95	29906	03/04/96	AMERACE (AGASTAT)	SKEEN D.	COMMONWEALTH EDISON REPORTS PROBLEMS WITH COLD SOLDER JOINTS IN A BATCH OF AGASTAT EGPDR RELAYS IN EDG APPLICATIONS AT BYRON.	96180	EOI
07/24/96	0	07/30/96	AMERICAN INDUSTRIAL T	DENNIG R.	PART 21 LOG #96272 - AMERICAN INDUSTRIAL TECHNOLOGIES REPORTS THAT PART 21 ISSUE IS CLOSED BASED ON DEDICATION OF OIL FILTER BY BG&E.	96272	
02/29/96	9502020119		AMERSHAM	NMSS	Amersham drive cable dim	95092	NMS
02/29/96	9505180270		AMERSHAM	NMSS	Harrison Amersham 680 retraction	95165	NMS
02/29/96	9505180280		AMERSHAM	NMSS	Harrison Amersham 957 smoke	95166	NMS
02/29/96	9509260253		AMERSHAM	NMSS	Amersham 899 drive cable connector	95187	NMS
02/27/96	9509130222		AMERSHAM	NMSS		96010	NMS

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12/04/95	29760	01/15/97	AMERSHAM	NMSS	LOOSE OR MISSING SCREWS IN MODEL 660B RADIOGRAPHY CAMERA.	96110	
05/09/96	30312		AMETEK/DIXON	SKEEN D.	PART 21 LOG #96360 - EN NOTIFICATION OF ISOLATED ANOMALY IN PERFORMANCE OF BARGRAPH MODELS SA101P, SA202P, SN101P, AND SN202P. SOFTWARE PROBLEM WAS IDENTIFIED IN RARE OCCURRENCES IN COMMERCIAL APPLICATION ONLY, ALTHOUGH IN THEORY THE PROBLEM COULD AFFECT 1E SUPPLIED EQUIPMENT. ALL CUSTOMERS NOTIFIED AND A CORRECTION WAS BEING DEVELOPED.	96360	
05/09/96	30312		AMETEK/DIXON	SKEEN D.	PART 21 LOG #96361 - NOTIFICATION OF ISOLATED ANOMALY IN PERFORMANCE OF BARGRAPH MODELS SA101P, SA202P, SN101P, AND SN202P. SOFTWARE PROBLEM WAS IDENTIFIED IN RARE OCCURRENCES IN COMMERCIAL APPLICATION ONLY, ALTHOUGH IN THEORY THE PROBLEM COULD AFFECT 1E SUPPLIED EQUIPMENT. ALL CUSTOMERS NOTIFIED AND A CORRECTION WAS BEING DEVELOPED.	96361	
01/29/96	0		ANCHOR DARLING	GREENE T.	QUAD CITIES WORKING WITH ANCHOR DARLING CONCLUDED THAT THE CLEARANCES ON VALVES USED IN THE RHRSW SYSTEM DID NOT HAVE ADEQUATE CLEARANCE TO OBVIATE GALLING AND EVENTUAL VALVE SEIZURE. QUAD CITIES LICENSEE STATES THAT VALVES WERE CUSTOM DESIGN FRO QAD CITIES AND NO OTHE PLANTS SHOULD BE AFFECTED.	96100	TBD
05/20/96	29397		ANCHOR DARLING	GREENE T.	PART 21 LOG #95210 - HARRIS REPORTS THAT ANCHOR DARLING 2" CHECK GLOBE VALVES IN MINFLOW APPLICATION FOR CHARGING SAFETY INJECTION PUMP DO NOT MEET FORWARD FLOW REQUIREMENTS AND HAVE EXCESSIVE BACKLEAKAGE.	95210	
05/20/96	9510060257		ANCHOR DARLING	GREENE T.	PART 21 LOG #95211 - HARRIS REPORTS THAT ANCHOR DARLING 2" CHECK GLOBE VALVES IN MINFLOW APPLICATION FOR CHARGING SAFETY INJECTION PUMP DO NOT MEET FORWARD FLOW REQUIREMENTS AND HAVE EXCESSIVE BACKLEAKAGE.	95211	
04/05/95	28634	04/11/95	ARKANSAS NUCLEAR 1	KOSHY T.	DRESSER VALVE REPORTS THAT AN AND 1 STEAM SAFETY VALVE SENT TO THEM FOR REFURBISHMENT HAD PREVIOUSLY BEEN IMPROPERLY MODIFIED.	95115	OTH
04/13/95	28593	04/14/95	ASCO	SKEEN D.	THIS PART 21 IS RELATED TO A CONDITION FOLLOWED UP IN ETS UNDER MR 3-95-0019 WHERE DETAILED INFORMATION CAN BE FOUND.	95076	

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07/13/95	9506060227	08/21/95	ASCO	SKEEN D.	PART 21 LOG #95143 - CORRESPONDENCE PROVIDES ADDITIONAL INFORMATION ON PRESENCE OF NYOGEL IN A DISCONTINUED ASCO PRODUCT LINE. THE NP 8323 VALVES WERE USED AT LASALLE COUNTY STATION ON MSIVs WHICH EXPERIENCED OPERATIONAL DIFFICULTIES. CORRESPONDENCE STATES THAT IN THE VIEW OF ASCO THE NYOGEL WAS NOT THE CAUSE OF THE PROBLEM, AND THAT IN AGREEMENT WITH NRC STAFF THE PRESENCE OF THE NYOGEL DOES NOT CONSTITUTE A PART 21 REPORTABLE ISSUE. THIS ISSUE IS BEING TRACKED UNDER EN 28593 AND RELATED PART 21 LOG #95076.	95143	
07/24/95	0	07/25/95	ASCO	SKEEN D.	PART 21 LOG #95080 - IN LER 440/94-023 DATED 1/11/95 PERRY REPORTS SLOW SCRAM TIMES DURING TESTING.	95080	
08/09/95	27504	08/18/95	ASCO	SKEEN D.	The description of this Part 21 report that is given in the old TQM dBase file is as follows: AUTOMATIC SWITCH CO PROVIDES FURTHER INFO REGARDING SLOW SHIFTING PROBLEMS ON NP8342 SINGLE SOLENOID 4-WAY VALVES DUE TO DEGRADATION OF NYOGEL 775A LUBRICANT. SEE LOG#94177. COOPER/TURKEY POINT REPORTED PROB. SEE LOG#94239 ALSO.	94178	OTH
10/29/96	31229	12/05/96	AUTOMATIC VALVE/QUAD	PETROWE C.	"6910-0X0" SOLENOID PLUNGER WAS TOO SHORT CAUSING MSIV TO FAIL SURVEILLANCE TEST FOR CLOSING TIME. MANUFACTURER BLAMES A MISSED MACHINING STEP.	96750	GEN
08/05/96	9605150136	08/05/96	B&G MANUFACTURING	CARTER J.	PART 21 #96-065	96065	
05/16/95	9502030105	05/19/95	B&W	KOSHY T.	Non-conservative LOCA analysis that could raise peak clad temperature through 50 F.	95087	
05/06/96	9508080129	07/29/96	B&W NUCLEAR TECHNOLOG	CARTER J.	Part 21 #95-186 THE NSSS IDENTIFIES A CONCERN THAT MIGHT EXIST DURING RECOVERY FROM A SMALL BREAK LOCA. A REACTOR COOLANT "BUMP" FOLLOWING MODERATOR DILUTION COULD CASE POST SBLOCA CRITICALITY.	95186	GEN
03/24/95	H-95-0038	03/28/95	BABCOCK & WILCOX CO.	BENNER E.	B&W analysis indicating a change in peak clad temperature of 50 F.	95029	GEN

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08/16/96	9608010076		BARKSDALE/WATERFORD	SKEEN D.	PART 21 LOG #96690 - WATERFORD LICENSEE REPORTS PROBLEM WITH BARKSDALE PRESSURE SWITCH MODEL D1T-A150SS PURCHASED AS QUAL CLASS 3 AND DEDICATED FOR USE ON ACCUMULATORS. SWITCH WAS CLASSIFIED AS PASSIVE SAFETY RELATED FOR MAINTAINING PRESSURE INTEGRITY. 6 OF 7 FAILED ON TEST, WERE RETURNED TO BARKSDALE. ONE INSTALLED SHOWED NO SIGNS OF FAILURE. A NEW SWITCH IS BEING INSTALLED DUE TO OTHER CONCERNS (SEISMIC).	96690	
08/16/96	30811		BARTON/SUMMER	TAPPERT J.	PART 21 LOG #96700 - SUMMER LICENSEE REPORTS THAT THREE BARTON MODEL 763 PRESSURE TRANSDUCERS FAILED SHORTLY AFTER BEING PLACED IN SERVICE DUE TO A LEAD TO THE STRAIN GAGE THAT BROKE LOOSE.	96700	
12/31/96	9612180245	01/15/97	BEAUMONT HOSPITAL	NMS	NMSS ISSUE: CONTROL OF HIGH-DOSE RATE DEVICE.	96860	NMS
12/04/96	9603050336	01/15/97	BEAUMONT HOSPITAL	NMSS	I-125 SEED MISCALIBRATION.	96220	
08/14/95	26458		BEAVER VALLEY 2	BURTON W.	Additional details on Butterfly valve failure. See Licensee's letter dated June 8, 1995. The problem was due to shaft spline adapter of the motor operator moved out of position becoming separated from the drive sleeve.	95152	GEN
04/09/96	H-95-0032		BECHTEL POWER CORP.	HODGE V.	BALTIMORE GAS & ELECTRIC/CALVERT CLIFFS 1/2 PROVIDES UPDATE REGARDING LONG-TERM COOLING PHASE OF LOCA WHICH DID NOT MODEL HEAT TRANSFER FROM RCS METAL. REANALYSIS TO BE PERFORMED. RESULTS EXPECTED TO NOT SIGNIFIAFFECT PRIOR BASIS. SEE LOG #94310.	95023	
05/26/95	0	06/02/95	BETTIS	GREENE T.	PART 21 #95110. CORRESPONDENCE FROM C&S VALVE ACKNOWLEDGING RECEIPT OF PART 21 INFO FROM BETTIS CORPORATION CONCERNING A SPRING PROBLEM WITH NHD 732-SR 80 ACTUATORS. THIS RELATES TO TROJAN WHO WAS THEIR CUSTOMER. C&S VALVE WAS UNABLE TO ASSESS SIGNIFICANCE OF SPRING DEFICIENCY BUT INTENDED TO FOLLOW UP WITH UTILITY AND BETTIS TO GET APPROPRIATE CORRECTIVE ACTION. THIS ITEM RELATES TO ASSIGNMENT TO T. GREENE DATED 050295 AND TECHNICAL CLOSEOUT WILL BE DOCUMENTED UNDER THAT ASSIGNMENT.	95110	

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05/02/95	H-95-0099		BETTIS ACTUATORS AND	GREENE T.	A SPRING, P/N 015752, SUPPLIED BY COILING TECHNOLOGY IN THE 1991-1992 TIMEFRAME FAILED IN HIGH CYCLE (EVERY 5 MINUTES, 24 HOURS A DAY FOR TWO YEARS) COMMERCIAL APPLICATION. THIS SPRING IS PART OF BETTIS ACTUATOR MODEL NHD732- SR80. USE OF THIS SPRING DISCONTINUED IN 1992 AND STOCK PURGED.	95093	
04/13/95	9502220192	01/10/97	BOEING	WANG E.	OVER A NUMBER OF YEARS THE BOEING CORPORATION HAS SUBMITTED NUMEROUS PART 21s RELATED TO VARIOUS BUGS IN CODES CALLED "ANSYS" AND "GTSTRU DL". THESE CODES ARE USED IN NUCLEAR PLANT APPLICATIONS. THE CURRENT BATCH OF NOTIFICATIONS ARE LOGGED AS PART 21 #95078, 95079, 95097, 95098, 95099, 95100, 95101, AND 95102.	95078	GEN
05/26/95	9504180193	06/02/95	BOEING	WANG E.	PART 21 95-107. CORRESPONDENCE DESCRIBES A PROBLEM WITH COMPUTER CODE GT STRU DL THAT CAUSES PROGRAM TO ABORT. SINCE THIS FAILURE MODE DOES NOT INVOLVE ERRORS IN ANSWERS THAT MAY NOT BE OBVIOUS TO THE USER, IT DOES NOT PRESENT A POTENTIAL SAFETY CONCERN. NO FURTHER ACTION IS REQUIRED. (NUMEROUS NOTICES FOR THIS PROGRAM HAVE BEEN RECEIVED PREVIOUSLY AND ARE BEING DISPOSITIONED ELSEWHERE.)	95107	
05/26/95	9504260144	06/02/95	BOEING	WANG E.	PART 21 #95108. CORRESPONDENCE DESCRIBES TWO PROBLEMS WITH GT STRU DL THAT LEAD TO AN ABORT. SINCE THE PROBLEMS DO NOT INVOLVE INCORRECT ANSWERS THAT MAY NOT BE OBVIOUS, NO SAFETY ISSUE IS INVOLVED. (OTHER REPORTS FROM BOEING ON THIS CODE HAVE BEEN RECEIVED AND ARE BEING DISPOSITIONED ELSEWHERE).	95108	
05/26/95	9505050145	06/02/95	BOEING	WANG E.	PART 21 95109. CORRESPONDENCE TRANSMITS ONE ERROR WITH GT STRU DL THAT CAUSES AN ABORT AND IS THUS NOT A SAFETY ISSUE, AND SEVERAL PROBLEMS WITH THE ANSYS CODE WHERE THE IMPACT OF THE ERROR IS IMPOSSIBLE TO JUDGE EXCEPT BY THE USER OF THE CODE. THE TOPIC OF GT STRU DL AND ANSYS PROBLEMS THAT MAY CAUSE ERRORS IN RESULTS THAT ARE NOT OBVIOUS IS BEING DISPOSITIONED UNDER TAC #M91542 AND AN ETS ENTRY DATED 4/13/95.	95109	
06/30/95	9505110227	06/30/95	BOEING	DENNIG R.	BOEING COMPUTER SERVICES FORWARDS A PROBLEM REPORT FROM GEORGIA TECH RE: GTSTRU DL. THE PARTICULAR PROBLEM CAUSES THE PROGRAM TO ABORT.	95128	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
07/10/95	9505190154	07/18/95	BOEING	WANG E.	PART 21 LOG #95135 - BOEING REPORTS RECEIPT OF INFORMATION DEALING WITH ANSYS PROBLEMS. THIS CORRESPONDENCE ALSO CONTAINS A LISTING OF ANSYS PROBLEMS OVER A PERIOD OF TIME. IT IS NOT POSSIBLE TO DETERMINE THE SAFETY IMPACT OF ANY OF THE DESCRIBED ERRORS. A GENERIC SOLUTION TO PART 21 PROBLEMS OF THIS NATURE IS BEING PREPARED.	95135	
07/10/95	9505250206	07/18/95	BOEING	WANG E.	PART 21 LOG #95136 - BOEING REPORTS RECEIPT OF INFORMATION DEALING WITH ANSYS PROBLEMS. IT IS NOT POSSIBLE TO DETERMINE THE SAFETY IMPACT OF ANY OF THE DESCRIBED ERRORS. A GENERIC SOLUTION TO PART 21 PROBLEMS OF THIS NATURE IS BEING PREPARED.	95136	
07/14/95	9506130013	07/18/95	BOEING	WANG E.	PART 21 LOG #95145 - CORRESPONDENCE FORWARDS ANSYS AND GTSTRUDL PROGRAM PROBLEM NOTIFICATIONS. NOT POSSIBLE TO DETERMINE SAFETY SIGNIFICANCE, IF ANY. THIS TOPIC WILL BE RESOLVED USING A GENERIC APPROACH. (BGCTS 95-072)	95145	
07/14/95	9506140411	07/18/95	BOEING	WANG E.	PART 21 LOG #95146 - CORRESPONDENCE FORWARDS GTSTRUDL PROGRAM PROBLEM NOTIFICATIONS. NOT POSSIBLE TO DETERMINE SAFETY SIGNIFICANCE, IF ANY. THIS TOPIC WILL BE RESOLVED USING A GENERIC APPROACH. (BGCTS 95-072)	95146	
08/07/95	9507120216	08/22/95	BOEING	WANG E.	PART 21 LOG #95168 - VARIOUS ANSYS AND GTSTRUDL ERROR NOTIFICATIONS.	95168	
08/25/95	9508090166	02/14/96	BOEING	WANG E.	PART 21 LOG #95179 - BOEING FORWARDS SEVERAL ERROR NOTIFICATIONS FOR ANSYS. NUMEROUS PREVIOUS ASSIGNMENT MADE UNDER BGCTS 95-072. CLOSEOUT DOCUMENTED UNDER ORIGINAL ASSIGNMENT.	95179	
02/14/96	9503060315	02/14/96	BOEING	WANG E.		95097	
02/14/96	9502240156	02/14/96	BOEING	WANG E.		95098	
02/14/96	9502220192	02/14/96	BOEING	WANG E.		95099	
02/14/96	9502010239	02/14/96	BOEING	WANG E.		95100	
02/14/96	9503130066	02/14/96	BOEING	WANG E.		95101	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
02/14/96	9503280210	02/14/96	BOEING	WANG E.		95102	
05/13/96	9508190238	05/13/96	BOEING	WANG E.	PART 21 #95191 - CORRESPONDENCE DESCRIBES ANOTHER GLITCH IN ANSYS.	95191	
05/13/96	9509070043	05/13/96	BOEING	WANG E.	PART 21 #95192 - CORRESPONDENCE DESCRIBES ANOTHER GLITCH IN ANSYS.	95192	
05/13/96	9509210296	05/13/96	BOEING	WANG E.	PART 21 #95205 - CORRESPONDENCE DESCRIBES ANOTHER GLITCH IN ANSYS.	95205	
05/13/96	9510250397	05/13/96	BOEING	WANG E.	PART 21 #95216 - CORRESPONDENCE DESCRIBES ANOTHER GLITCH IN ANSYS.	95216	
05/13/96	9510270234	05/13/96	BOEING	WANG E.	PART 21 #95218 - CORRESPONDENCE DESCRIBES ANOTHER GLITCH IN ANSYS. THIS TOPIC IS BEING TREATED GENERICALLY VIA BGCTS 95-072, TAC #M91542 AND WILL BE REVIEWED AS PART OF THAT EFFORT. ALSO SEE PART 21 #95078.	95218	
01/26/95	H-95-0020	01/31/95	BOEING COMPUTER SERVI	GOODWIN E.	ERRORS IN ANSYS	95015	OTH
05/02/95	9501310290	05/05/95	BOEING COMPUTER SERVI	WANG E.	CORRESPONDENCE DESCRIBES ANOTHER GLITCH IN ANSYS.	95091	
12/30/96	9511130319		BOEING COMPUTER SERVI	DENNIG R.	NOT A NEW ISSUE BUT A NEW ISSUE NUMBER. SOFTWARE ERROR IN THE GSTRUDL MODE -- HARMONIC ANALYSIS ERROR.	96200	
12/30/96	9603120351		BOEING COMPUTER SERVI	DENNIG R.	NOT A NEW ISSUE BUT A NEW ISSUE NUMBER: SOFTWARE ERROR IN THE ANSYS -- INCORRECT PRINCIPLE STRAINS.	96230	
12/04/96	9607150301		BOEING COMPUTER SERVI	DENNIG R.	NOT A NEW ISSUE BUT A NEW ISSUE NUMBER. SOFTWARE ERROR IN THE ANSYS CODE -- DAMPING IGNORED UNDER CERTAIN CONDITIONS.	96640	
01/30/95	H-95-0035	01/30/95	BORG-WARNER CORP.	DENNIG R.	BORG WARNER PROVIDES A LISTING OF AFFECTED LICENSEE. THIS IS A FOLLOWUP TO A PRIOR ASSIGNMENT OF #94278 TO EMEB/KHANNA.	95026	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
04/08/96	H-95-0034		BORG-WARNER CORP.	HODGE V.	BW/IP INTERNATIONAL PROVIDES LISTING OF POTENTIALLY AFFECTED LICENSEES REGARDING NONCONSERVATIVE FRICTION FACTORS FOR BORG-WARNER GATE VALVES. SEE LOG #94-127	95025	
11/08/94	H-95-0059	01/05/95	BRAIDWOOD 2	KOENICK S.	MANUFACTURING DEFECT CAUSES FAILURE OF EDG CONNECTING ROD.	95048	EOI
12/28/95	0	01/17/96	BRAIDWOOD 1,2	SKEEN D.	Part 21 95-181 Amerace Electronic Components, manufacturer of E7000 Series Relay Timers that are used in various safety-related applications at all 12 Commonwealth Edison nuclear power plants, reduced the contact rating for these timers. Consequently, some relays may now be misapplied.	95181	OTH
03/24/95	H-95-0081	03/27/95	BROWN BOVERI ELECTRIC	KOSHY T.	Failure of 27N (undervoltage relay) manufactured by Asea Brown Boveri was identified to be not reportable under part 21 based on further review.	95061	
05/02/95	0	05/03/95	BW/IP INTERNATIONAL	WANG E.		95081	OTH
04/14/95	28603	05/04/95	BW/IP INTERNATIONAL,	WANG E.	A RELAY INSTALLED IN AN ELECTRO-HYDRAULIC ROTARY DAMPER ACTUATOR WAS INCORRECTLY CERTIFIED. THE VENDOR STATED THAT THE PART WAS STILL CAPABLE OF PERFORMING THE REQUIRED FUNCTION.	95081	GEN
05/20/96	23774		BYRON 2	HODGE V.	PT21 #95-067 ERROR IN BORON DILUTION ANALYSIS IN SAFETY ANALYSIS REPORT.	95067	
12/30/96	29853		BYRON 1,2	HODGE V.	Limitorque MOV, supplied by Westinghouse, motor pinion gear failed.	96170	
12/19/96	31471		C&D CHARTER POWER SYS	SKEEN D.	C&D CHARTER POWER SYSTEMS REPORTS THAT WELDS ON THE WELD NUT HOLDING THE FILTER ASSEMBLY PANEL WERE NOT TO SPEC AND COULD FAIL UNDER SEISMIC LOADS. PS&G AND NORTHERN STATES WERE AFFECTED AND TO BE INFORMED BY C&D.	96000	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
11/14/96	0	12/02/96	CALVERT CLIFFS 1,2	SKEEN D.	LICENSEE REPORTED TWO FAILURES OF GE TYPE AMH-4.76-250 MAGNE BLAST BREAKERS TO CLOSE DURING TESTING. INVESTIGATION FOUND THAT THE MANUAL TRIP LEVER WAS BENT ON ONE BREAKER AND THE "L" BRACKET SUPPORT FOR THE TRIP LEVER WAS BROKEN ON THE OTHER BREAKER.	96770	GEN
05/06/96	29328	05/22/96	CANADIAN WORCESTER CO	CARTER J.	Part 21 #95-203 Ball valves utilize presssure retaining fastners that may not be acceptable.	95203	GEN
05/06/96	9509200375	05/16/96	CANADIAN WORCESTER CO	CARTER J.	Part 21 #95-204 Ball valves utilize presssure retaining fastners that may not be acceptable.	95204	
05/06/96	29916	05/16/96	CANADIAN WORCESTER CO	CARTER J.	Part 21 #96-062 Ball valves utilize presssure retaining fastners that may not be acceptable.	96062	
05/06/96	9602060071	05/16/96	CANADIAN WORCESTER CO	CARTER J.	Part 21 96-063 Ball valves utilize presssure retaining fastners that may not be acceptable.	96063	
05/06/96	29257	05/22/96	CARDINAL INDUSTRIAL P	CARTER J.	Part 21 #95-196 Some fasteners (capscrews) had an improper heat treatment and as a result may not have the proper strength.	95196	GEN
05/06/96	9509080175	05/16/96	CARDINAL INDUSTRIAL P	CARTER J.	Part 21 #95-197 Some fasteners (capscrews) had an improper heat treatment and as a result may not have the proper strength.	95197	
05/06/96	9509210006	05/16/96	CARDINAL INDUSTRIAL P	CARTER J.	Part 21 #95-200 Some fasteners (capscrews) had an improper heat treatment and as a result may not have the proper strength.	95200	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
05/06/96	9509210008	05/16/96	CARDINAL INDUSTRIAL P	CARTER J.	Part 21 #95-201 Some fasteners (capscrews) had an improper heat treatment and as a result may not have the proper strength.	95201	
05/06/96	9510160200	05/16/96	CARDINAL INDUSTRIAL P	CARTER J.	Part 21 #95-207 Some fasteners (capscrews) had an improper heat treatment and as a result may not have the proper strength.	95207	
05/06/96	9511270144	05/22/96	CARDINAL INDUSTRIAL P	CARTER J.	Part 21 #96-060 Some fasteners (capscrews) had an improper heat treatment and as a result may not have the proper strength.	96060	
05/06/96	9511270151	05/16/96	CARDINAL INDUSTRIAL P	CARTER J.	Part 21 #96-061 Some fasteners (capscrews) had an improper heat treatment and as a result may not have the proper strength.	96061	
10/20/94	27924	01/12/95	CATAWBA	WEN P.	MATERIAL FAILURES IMPACTING OPERABILITY OF SI PUMPS.	95010	OTH
12/19/96	31477		CLINTON 1	CARTER J.	CLINTON REPORTS THAT TORQUE VALUES SPECIFIED BY GE WERE INCORRECT FOR THE 3/8TH INCH HOLD DOWN BOLTS ON THE HCU FIXTURES. TORQUE EXCEEDED MINIMUM YIELD STRESS FOR MATERIAL AND COULD FAIL UNDER SEISMIC CONDITIONS.	96	TBD
08/08/96	30775	11/29/96	CLOW/NINE MILE POINT	HUNEMULLER W.	PART 21 LOG #96660 - NIAGARA MOHAWK REPORTS DOWEL PIN NOT PEENED IN PLACE FELL OUT AND WOULD PREVENT SBGTS LOGIC FROM FUNCTIONING ON THE AFFECTED TRAIN. VALVE MANUFACTURED BY CLOW.	96660	OTH
02/06/95	H-95-0049	02/13/95	COLT INDUSTRIES	DENNIG R.	DOCUMENTATION FROM COLTEC THAT ISSUE REPORTED TO THEM BY SCE&G DOES NOT MEET PART 21 THRESHOLD.	95040	
02/17/95	H-95-0054	04/07/95	COLT INDUSTRIES	WANG E.	COLTEC INDUSTRIES RECEIVED A REPORT FROM PECO CONCERNING ABNORMAL WEAR AND PITTING OF A LUBE OIL DRIVE BRACKET. COLTEC IS INVESTIGATING, AND POWER STATIONS WITH FMED 81/8 OPPOSED PISTON EDG SETS COULD BE AFFECTED. FINAL REPORT PROMISED.	95044	OTH

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
03/21/95	H-95-0078	03/23/95	COLT INDUSTRIES	KOSHY T.	EARLY FAILURE OF LUBE OIL PUMP GEAT DUE TO MISALIGNMENT.	95063	OTH
04/12/95	9502240086	04/13/95	COLT INDUSTRIES	DENNIG R.	COLTEC PROBLEM WITH MISALIGNMENT OF LUBE OIL DRIVE CAUSING ACCELERATED WEAR ON GEER TEETH ON CERTAIN MODELS OF EMERGENCY DIESEL GENERATOR.	95089	
04/09/96	H-95-0025		COLT INDUSTRIES	HODGE V.	COLTEC INDUSTRIES/FMED PROVIDES FINAL ENGG REPORT ON CRACKING OF AIR START DISTRIBUTOR CAMS AT NORTH ANNA & ANO. ROOT CAUSE/CORREC ACTIONS IDENTIFIED. AFFECTED LICENSEES NOTIFIED. SEE LOG #94067 AND 94004.	95020	
08/14/95	26758	08/21/95	COLTEC	WANG E.	The description of the lead Part 21 report given in the old TOM dBase file is: 94070 F - SOUTH CAROLINA E&G/SUMMER 1 REPORTS LEVEL SWITCHES FOR EDG DAY TANKS MAY NOT BE SEISMICALLY QUALIFIED. COLTEC/FMED PROVIDED SWITCHES AS SIESMIC QUAL., BUT CANNOT PRODUCE DOCUMENTATION. SEE LOG #94302/95040. Additional related Part 21 reports are described in the closeout section below.	94070	OTH
11/12/96	0		COLTEC/LIMERICK	TAPPERT J.	PART 21 #96590 - MEMO REGION I TO HAASS 10/23/96 TRANSMITS LETTER FROM PECO (LIMERICK) TO COLTEC RE: UNDERSIZED EDG LUBE OIL HEAT EXCHANGER. LETTER REQUESTS PART 21 REVIEW FROM COLTEC.	96590	GEN
04/22/96	0	04/26/96	COMANCHE PEAK 1,2	DENNIG R.	PART 21 LOG #96240 - LICENSEE REPORTS SCRATCHES ON AS-RECEIVED FAN MOTOR BEARINGS MANUFACTURED BY FAFNIR. BEARINGS TO BE USED AS REPLACEMENTS ON UPS ROOM FAN COIL UNITS SUPPLIED BY ELLIS AND WATTS. THIS IS AN INTERIM REPORT, WITH A FINAL REPORT PROMISED BY 2/29/96. NO FINDING OF SUBSTANTIAL SAFETY HAZARD AT THIS TIME.	96240	
04/22/96	0	04/26/96	COMANCHE PEAK 1,2	DENNIG R.	PART 21 LOG #96241 - LICENSEE REPORTS THAT FURTHER INVESTIGATION OF THE IMPACT OF THE INDICATIONS ON SPARE BEARINGS (MANUFACTURED BY FAFNIR) FOR FCUs LED TO THE CONCLUSION THAT A SUBSTANTIAL SAFETY HAZARD DID NOT EXIST AND THAT NO PART 21 REPORT WAS REQUIRED.	96241	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
07/24/96	30653	07/30/96	COOK 2	DENNIG R.	PART 21 LOG #96600 - COOK LICENSEE (AMERICAN ELECTRIC POWER REPORTS THAT TWO SPRINGS FAILED IN SERVICE ON ONE OF THE EDGs DURING TROUBLESHOOTING FOR A SPEED CONTROL PROBLEM. OTHER SPRINGS EXAMINED WITH NO EVIDENT DEFECTS. NO OTHER FAILURES. ONLY WORTHINGTON DIESELS IN NUCLEAR SERVICE. NO FURTHER ACTION.	96600	
07/24/96	30653	07/30/96	COOK 2	DENNIG R.	PART 21 LOG #96601 - COOK LICENSEE (AMERICAN ELECTRIC POWER REPORTS THAT TWO SPRINGS FAILED IN SERVICE ON ONE OF THE EDGs DURING TROUBLESHOOTING FOR A SPEED CONTROL PROBLEM. OTHER SPRINGS EXAMINED WITH NO EVIDENT DEFECTS. NO OTHER FAILURES. ONLY WORTHINGTON DIESELS IN NUCLEAR SERVICE. NO FURTHER ACTION.	96601	
02/15/95	4-95-0014	05/18/95	COOPER 1	GREENE T.	DURING A PLANT SHUTDOWN, AN MOV FAILED TO OPERATE BECAUSE A STEM CAP HAD THREADED ITSELF INTO THE MOV CASING, PREVENTING THE STEM NUT FROM MOVING. THIS CAUSED THE MOTOR TO DEENERGIZE DUE TO OVERLOADING. FURTHER REVIEW IDENTIFIED THREE OTHER VALVES HAD POTENTIAL TO FAIL DUE TO THE SAME PROBLEM. LICENSEE INDICATED THAT THEY HAD REPLACED THE STEM CAPS AND FIALED TO STAKE THEM TO PREVENT MOVEMENT.	95050	EOI
02/21/95	28366	02/22/95	COOPER 1	KOSHY T.	SUSPECTED GENERIC PROBLEMS WITH TARGET ROCK ADS RELIEF VALVES.	95049	OTH
02/21/95	4-95-0014	03/28/95	COOPER 1	HUNEMULLER W.	Vacuum breaker not fully shut because of over size and right angled face.	95051	OTH
06/16/95	28951	10/30/95	COOPER 1	WANG E.	PART 21 LOG #95147 - COOPER ENERGY SERVICES ADVISES THAT GRAND GULF EXPERIENCED A FAILURE OF A BELLOFRAM AIR CYLINDER THAT RESULTED IN IMPACT ON EDG INTAKE AIR. DIESEL HAD TO BE SHUT DOWN. FAILURE OCCURRED IN PROJECTION WELD IN THE PISTON/PISTON ROD ASSEMBLY. THE ROOT CAUSE WAS DETERMINED TO BE POOR QUALITY OF THE WELD. NO OTHER KNOWN FAILURES (ALL COOPER EDGs AFFECTED). COOPER CONCLUDES ISOLATED INCIDENT, ALL CUSTOMERS NOTIFIED.	95147	OTH
01/30/95	H-95-0037	01/30/95	COOPER ENERGY SERVICE	DENNIG R.	COOPER ENERGY SERVICES PROVIDES ADD'L INFO RE LOCATION OF SUSPECT MASTER CONNECTING RODS. PRIOR ASSIGNMENT #94296.	95028	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
06/07/95	28710	06/08/95	COOPER ENERGY SERVICE	CARTER J.	THIS ITEM (EN #28710) DEALS WITH A CONDITION RESULTING IN INADEQUATE FLOW OF COOLING WATER TO THE MECHANICAL GOVERNOR OF EMERGENCY DIESEL GENERATORS. THIS WAS THE RESULT OF A DESIGN DEFICIENCY IN THE COOLING SYSTEM SUPPLIED BY COOPER ENERGY SERVICES FOR THE DIESELS AT NINE MILE POINT UNIT 2 AND THE BYRON UNITS.	95116	
06/07/95	0	06/08/95	COOPER ENERGY SERVICE	CARTER J.	THIS ITEM IS A REPORT FROM COOPER INDUSTRIES (COOPER-BESSEMER) DEALS WITH A CONDITION RESULTING IN INADEQUATE FLOW OF COOLING WATER TO THE MECHANICAL GOVERNOR OF EMERGENCY DIESEL GENERATORS. THIS WAS THE RESULT OF A DESIGN DEFICIENCY IN THE COOLING SYSTEM SUPPLIED BY COOPER ENERGY SERVICES FOR THE DIESELS AT NINE MILE POINT UNIT 2 AND THE BYRON UNITS.	95117	
06/10/96	30520		COOPER ENERGY SERVICE	GREENE T.	PART 21 LOG #96450 - COOPER ENERGY SERVICES REPORTS THAT THE KSV EMERGENCY DIESEL GENERATOR SYSTEM MAY HAVE A DEFECT INVOLVING THE FUEL INJECTION PUMP DELIVERY VALVE HOLDER. THE DEFECT IS THE DEVELOPMENT OF CRACKS THAT COMPROMISE THE INTEGRITY OF THE HOLDER. NINE MILE 2, PALO VERDE, ZION 2, AND SUSQUEHANNA HAVE OBSERVED THE PROBLEM.	96450	
06/10/96	9605240250		COOPER ENERGY SERVICE	GREENE T.	PART 21 LOG #96451 - COOPER ENERGY SERVICES REPORTS THAT THE KSV EMERGENCY DIESEL GENERATOR SYSTEM MAY HAVE A DEFECT INVOLVING THE FUEL INJECTION PUMP DELIVERY VALVE HOLDER. THE DEFECT IS THE DEVELOPMENT OF CRACKS THAT COMPROMISE THE INTEGRITY OF THE HOLDER. NINE MILE 2, PALO VERDE, ZION 2, AND SUSQUEHANNA HAVE OBSERVED THE PROBLEM.	96451	

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09/16/96	30728		COOPER ENERGY SERVICE	TAPPERT J.	STARTING AIR ADMISSION VALVES (BLOCK AND VENT VALVES), ENTERPRISE PART NO. KR-001-000, ORIGINALLY MANUFACTURED BY CALCON CORP. (CALCON HAS SINCE BEEN PURCHASED BY AMOT CONTROLS CORP.) ARE PART OF REDUNDANT STARTING CIRCUITS SUCH THAT TWO ARE EMPLOYED ON MODEL DSR-4 AND FOUR ON MODEL DSRV-4. THE POTENTIAL DEFECT WAS REPORTED TO CES BY ENTERGY OPERATIONS AFTER THREE VALVES AT RIVER BEND FAILED DURING OPERATION OR WHILE ON THE TEST BENCH. FAILURE OF THESE VALVES COULD RENDER THE EDG INOPERABLE; CAUSE HAS NOT BEEN DETERMINED. THE FOLLOWING NINE U.S. SITES ARE AFFECTED: HARRIS, PERRY, CATAWBA, GRAND GULF, RIVER BEND, VOGTLE, COMANCHE PEAK, BELLEFONTE AND WNP-1. SEVERAL SITES IN KOREA AND TAIWAN MAY ALSO BE AFFECTED.	96610	
12/30/96	29653		COOPER ENERGY SERVICE	TAPPERT J.	EDG GOVERNOR DRIVE ASSEMBLY OIL HOLE BLOCKED.	96070	
06/07/95	9505010161	06/08/95	COOPER INDUSTRIES	CARTER J.	THIS ITEM IS A REPORT FROM COOPER INDUSTRIES (COOPER-BESSEMER) DEALS WITH A CONDITION RESULTING IN INADEQUATE FLOW OF COOLING WATER TO THE MECHANICAL GOVERNOR OF EMERGENCY DIESEL GENERATORS. THIS WAS THE RESULT OF A DESIGN DEFICIENCY IN THE COOLING SYSTEM SUPPLIED BY COOPER ENERGY SERVICES FOR THE DIESELS AT NINE MILE POINT UNIT 2 AND THE BYRON UNITS.	95119	
06/07/95	9504260118	06/08/95	COOPER INDUSTRIES	CARTER J.	THIS ITEM IS A REPORT FROM COOPER INDUSTRIES (COOPER-BESSEMER) DEALS WITH A CONDITION RESULTING IN INADEQUATE FLOW OF COOLING WATER TO THE MECHANICAL GOVERNOR OF EMERGENCY DIESEL GENERATORS. THIS WAS THE RESULT OF A DESIGN DEFICIENCY IN THE COOLING SYSTEM SUPPLIED BY COOPER ENERGY SERVICES FOR THE DIESELS AT NINE MILE POINT UNIT 2 AND THE BYRON UNITS.	95118	
04/06/95	1-95-0014	04/07/95	COPES-VULCAN INC.	KOSHY T.	Diaphragm problem prevented full opening of PORVs at Haddam Neck.	95038	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
02/01/95	9412010115	02/06/95	COPE-S-VULCAN. INC.	DENNIG R.	COPE-S VULCAN REPORTED THAT AN ERROR IN MANUFACTURING RESULTED IN UNACCEPTABLE THREAD FORM. THE PROBLEM IS THAT YOKES WITH THIS PROBLEM WON'T HOLD ATTACHMENTS PROPERLY BECAUSE THEY LACK THE STRENGTH TO TAKE THE REQUIRED TORQUE OF THE FASTENER BEING USED. 9 YOKES AT TVA, 1 AT FARLEY, 1 AT POINT BEACH WERE AFFECTED. YOKES WILL BE REPLACED. NATURE OF THE ERROR WAS SELECTION OF THE WRONG TOOL FOR FORMING THE THREADS (CUT RATHER THAN FORMED.)	95032	
01/23/95	H-95-0009	08/16/96	CRANE-ALOYCO	HUNEMULLER N.	CRANE VALVES/NUCLEAR OPERATIONS REPORTS FAILURE OF 10" VALVE (FIGURE 63174) AT WELD JOINING YOKE AND ADAPTER PLATE AND MORE CATASTROPHIC FAILURE TO OTHER PARTS DUE TO INCLUSION OF SHIMS CONTRARY TO DRAWING. PART OF ORDER FOR WESTINGHOUSE IN EARLY 70s.	95006	OTH
01/30/95	H-95-0033	01/30/95	CRANE-ALOYCO	DENNIG R.	CRANE VALVE PROVIDES FINAL REPORT ON REQUIRED THRUST. THIS IS FOLLOWUP REPORT TO #94150 PREVIOUSLY ASSIGNED TO EMB/SCARBROUGH.	95024	
02/01/95	H-95-0044	02/01/95	CRANE-ALOYCO	GOODWIN E.	CRANE VLV YOKE FAILURES	95035	
04/08/96	H-95-0006	11/15/96	CRANE-ALOYCO	HODGE V.	CRANE VALVES PROVIDES UPDATE ON CONTINUING EFFORTS TO EVALUATE WHETHER ERRONEOUS DATA TO SET TORQUE SWITCHES FOR MOVs WAS SUPPLIED TO LICENSEES DURING MID-1980S. NO CONTRACTURAL EVIDENCE FOUND YET. SEE LOG #94150/95007 ET AL.	95005	
04/15/96	0		CRAWFORD FITTING	GREENE T.	PART 21 LOG #96280 - CRAWFORD FITTING REPORTS POSSIBLE MATERIAL DEFECT IN CERTAIN SWAGELOK FITTINGS MADE FROM STAINLESS STEEL FORGINGS. THE MATERIAL DEFECT IS IN THE FORM OF EXOGENOUS SOURCE CONTAMINATION THAT CAUSES A MATERIAL WEAKNESS TO FORM DURING THE FORGING PROCESS. ALL PURCHASERS HAVE BEEN NOTIFIED.	96280	
05/06/96	0		CRAWFORD FITTING	GREENE T.	PART 21 LOG #96281 - CRAWFORD FITTING PROVIDES FURTHER INFORMATION ON AFFECTED CUSTOMERS W.R.T. A POSSIBLE MATERIAL DEFECT IN CERTAIN SWAGELOCK TUBE FITTINGS. CUSTOMERS NOTIFIED.	96281	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
02/24/95	H-95-0066	04/27/95	CRAWFORD FITTINGS	KIRKPATRICK D.	See letter from Swagelok (Crawford Fitting Company) addressing material defect in stainless steel fitting or adapters. Heat on GNM. They have identified only one yet. Fittings in question are 1/8", 1/4" and 3/8"	95055	OTH
01/23/95	H-95-0012		CRYSTAL RIVER 3	KOSHY T.	MOV BRAKES LOCK ON DEGRADED VOLTAGE	95009	OTH
02/02/95	28293	06/05/95	CRYSTAL RIVER 3	BIRMINGHAM J.	CRYSTAL RIVER DETERMINED THAT CONSTANT VOLTAGE TRANSFORMERS FOR VITAL BUS INVERTERS HAD NOT BEEN TESTED BY THE SUPPLIER, GE NUCLEAR, TO THE APPROPRIATE ACCEPTANCE CRITERIA. GE PART #DJ265A1824P001. NO SAFETY CONSEQUENCES OF THE DISCREPANCY WERE DESCRIBED. LICENSEE WILL SUBMIT A REPORT WITHIN 30 DAYS.	95034	
03/22/95	H-95-0057	03/27/95	CRYSTAL RIVER 3	KOSHY T.	VSL furnished supplied post-tentioned anchorage Nuts, Bolts, Washers prior to dedication as safety grade.	95047	
03/24/95	H-95-0082	03/24/95	CRYSTAL RIVER 3	DENNIG R.	FLORIDA POWER CORP/CRYSTAL RIVER 3 PROVIDES SUPPLEMENTAL INFO REGARDING FAILURE OF CONSTANT VOLT TRANS FOR VITAL BUS INVERTERS TO MEET ACCEPTANCE CRITERIA. OUTPUT VOLT REQUIREMENTS NOT MET. MODIFICATIONS PERFORMED TO CORRECT. SEE PART 21 LOG #95034.	95064	
04/21/95	9408100171	04/24/95	CYBEREX	KOSHY T.	Inverters installed in 1993 outage had inappropriate high temperature shut off.	95072	OTH
07/01/94	27464	04/27/95	DIABLO CANYON 1,2	KOSHY T.	POTENTIAL LOW TEMP OVER PRESSURE CONCERNS DURING RHR LOW FLOW CONDITIONS.	95070	EOI
05/14/96	9503010082	05/21/96	DIABLO CANYON 1,2	DENNIG R.	PT21 #95-079 INDIVIDUAL REPORTS THAT JET EXPANSION MODEL APPEARING IN A 1974 BECHTEL TOPICAL MAY HAVE BEEN MISAPPLIED AT DIABLO CANYON DUE TO "MISREPRESENTATION" IN THE TOPICAL.	95079	
07/03/95	0	07/12/95	DOW CORNING	KOSHY T.	This is a supplement report to 28079 and 28042 stating the potential degradation of RTV product line. The current update in June states that the testing did not reveal any performance deviation in spite of the problems noted in cure dates.	95139	GEN

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
12/15/95	0	12/18/95	DOW CORNING	KOSHY T.	This is a final report from Dow Corning regarding the deficiency addressed in Part 21 Log 95-103 and EN No: 28042	95177	OTH
04/12/95	9504240118	04/12/95	DOW CORNING	KOSHY T.		95111	
04/05/96	H-95-0005	09/10/96	DOW CORNING	HODGE V.	DOW CORNING CORP PROVIDES UPDATE ON IDENTIFICATION OF ROOT CAUSE OF ELASTOMERS & ADHESIVE/SEALANT NOT MEETING SPECS. IMPURITIES IN PIGMENT CAUSED PROB. FIRE PERFORMANCE TESTS TO BE CONDUCTED IN CONJ WITH UL. SEE LOG #94322/94286/94294/95022 ET AL.	95004	OTH
04/05/96	28079	09/10/96	DOW CORNING	HODGE V.	DOW CORNING CORP PROVIDES UPDATED INFO RE TESTING OF 96-081 RTV ADHESIVE/SEALANT INCORP HIGHER PURITY GRADE PIGMENT. MEETS ALL SPECS. FOR SYLGARD 170 SILICONE FAST CURE ELASTOMER/96-081, FIRE PRFRM TESTS TO BE DONE WITH UL. SEE LOG #95004/94322 ET AL.	95022	OTH
11/23/94	28042	12/15/95	DOW CORNING CORP.	KOSHY T.	DEGRADATION OF "SELF-EXTINGUISHING" TIME OF DOW CORNING RTV 96-081.	95103	OTH
12/04/96	30645		DRESDEN 2,3		GENERAL ELECTRIC MODEL 12HGA17S63 RELAY.	96500	
07/05/95	0	07/12/95	DRESSER INDUSTRIAL VA	KOSHY T.	Report on the use of nonconforming parts on main steam safety valves at AND unit 1. This problem also addressed in a vendor FAX in part 21 file 95115. This problem was previously reviewed and closed under EN 28634.	95114	GEN
02/24/95	H-95-0016	02/24/95	DRESSER INDUSTRIES	KOSHY T.	Accumulation of corrosion products on governor valve stem. This event was previously addressed under 50.72 #27762. IN 94-66 was issued to address the generic implications.	95011	
12/06/95	0	12/12/95	DRESSER RAND	CARTER J.	PART 21 LOG #95-202: DRESSER-RAND FINAL REPORT ON POTENTIAL PROBLEM WITH LOCKNUT D-R PART NO. 75233A06 INSTALLED WHERE THINNER LOCKNUT IS REQUIRED TO PREVENT LOOSENING UNDER VIBRATION. ISSUE IS BEING TRACKED UNDER EN #29111, PART 21 LOG #95-175.	95202	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
08/07/95	29111	12/13/95	DRESSER-RAND	CARTER J.	PART 21 LOG #95175 - DRESSER RAND MAKES A VERBAL NOTIFICATION IN EN #29111 OF A POTENTIAL PROBLEM WITH THE GOVERNOR LINKAGE UNDER SEVERE VIBRATION OR A SEISMIC EVENT. A LOCK NUT WHICH SECURES THE GOVERNOR LINKAGE MAY NOT HAVE SUFFICIENT THREAD ENGAGEMENT TO GUARANTEE ADEQUATE LOCKING. LIST OF AFFECTED PLANTS/RECOMMENDATIONS IN PREP.	95175	GEN
08/07/95	0	12/14/95	DRESSER-RAND	CARTER J.	PART 21 LOG #95176 - FAX REPORT FROM DRESSER-RAND RE: NOTIFICATION IN EN #29111 OF A POTENTIAL PROBLEM WITH THE GOVERNOR LINKAGE UNDER SEVERE VIBRATION OR A SISMIC EVENT. A LOCK NUT WHICH SECURES THE GOVERNOR LINKAGE MAY NOT HAVE SUFFICIENT THREAD ENGAGEMENT TO GUARANTEE ADEQUATE LOCKING. LIST OF AFFECTED PLANTS/RECOMMENDATIONS IN PREP.	95176	
08/14/95	0	12/13/95	DRESSER-RAND	CARTER J.	The short name for this issue is afw valve stem. The description of the lead Part 21 report given in the old TQM dBase file is: 94216 T TOLEDO EDISON/DAVIS BESSE 1 PROVIDES UPDATED INFO REGARDING LACK OF FULL ENGAGEMENT OF SETSCREW USED TO ANCHOR VALVE STEM COUPLING TO TRIP THROTTLE VALVE STEM FOR AFW TURBINE. VENDOR TO PROVIDE PROPER PROCEDURE. SEE LOG #94212/94251/94262. Additional related Part 21 reports are described in the closeout section below.	94216	GEN
08/25/95	0	09/06/95	DRESSER-RAND	CARTER J.	PART 21 LOG #95178 - FAX REPORT FROM DRESSER-RAND: TERRY TURBINE GOVERNOR LINKAGE LOCK NUT POTENTIAL FAILURE UNDER VIBRATION.	95178	
02/14/96	0	02/14/96	DRESSER-RAND	CARTER J.	Dresser-Rand recognizes that certain operating conditions may lead to corrosion and governor valve stem binding with a resultant turbine overspeed trip. They submitted a letter that reported a new design has been prepared for the governor valve stem and that it uses 718 inconel with a chromium carbide coating along the gland area. New and improved packing and washers were also recommended.	96160	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
06/09/95	28841	12/06/95	ELGAR	GREENE T.	PART 21 LOG #95129, ISSUE NUMBER 95013 - CLINTON REPORTS FAILURE OF TWO PWM DRIVE LOGIC CARDS FOR ELGAR INVERTERS, PART NUMBER 642-108-40 REV F. ONE CARD NEVER MADE IT INTO SERVICE AS THE PORTION THAT CONTROLS THE SCRs DIDN'T WORK, AND THE OTHER FAILED AFTER FOUR TO SIX HOURS OF OPERATION WHEN IT WAS PLACED IN A SAFETY RELATED INVERTER AS PART OF A SCHEDULED MAINTENANCE. BOTH BOARDS WERE RETURNED TO ELGAR FOR ANALYSIS. CAUSE OF FAILURE UNKNOWN.	95129	OTH
06/09/95	0	12/06/95	ELGAR	GREENE T.	PART 21 95-130 THIS PIECE OF CORRESPONDENCE IS THE FAX FROM CLINTON THAT COVERS THE SAME MATERIAL AS PART 21 LOG #95129 (EN #28841). CLINTON REPORTS FAILURE OF TWO PWM DRIVE LOGIC CARDS FOR ELGAR INVERTERS, PART NUMBER 642-108-40 REV F. ONE CARD NEVER MADE IT INTO SERVICE AS THE PORTION THAT CONTROLS THE SCRs DIDN'T WORK, AND THE OTHER FAILED AFTER FOUR TO SIX HOURS OF OPERATION WHEN IT WAS PLACED IN A SAFETY RELATED INVERTER AS PART OF A SCHEDULED MAINTENANCE. BOTH BOARDS WERE RETURNED TO ELGAR FOR ANALYSIS.	95130	OTH
08/07/95	0	12/06/95	ELGAR	GREENE T.	PART 21 LOG #95170 - INTERIM REPORT FROM ILLINOIS POWER (CLINTON) RE: FAILURE OF ELGAR INVERTER PWM DRIVE LOGIC CARD. TESTING BY ELGAR NOT COMPLETE YET.	95170	
12/04/95	0	12/06/95	ELGAR	GREENE T.	PART 21 LOG #95-208: FINAL REPORT FROM ILLINOIS POWER ON PROBLEM WITH LOGIC CARDS FOR ELGAR INVERTER. TESTING INCONCLUSIVE.	95208	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
05/20/96	0	05/23/96	ELLIS & WATTS	DENNIG R.	<p>PART 21 LOG #95225: The deficiency identified a fan shaft failure initiation mechanism on Ellis and Watts safety-related coolers and a condenser. Specifically, the components identified as having damage are 1-PMCL-30-175-A (1A-A RHR pump room cooler), -COND-31-289 (480 V board room condenser 2B-B), 1-PMCL-30-183-A (1A-A CCP room cooler A-A), 2-PMCL-30-190-A (CCS pump and Unit 1 AFW pump cooler A-A), and 1-PMCL-30-191-B (CCS pump and Unit 1 AFW pump cooler B-B). Unit 1 was in cold shutdown, prior to Mode 6 (initial fuel loading).</p> <p>The mechanism of failure was the bearing moving relative to the fan shaft. Overtensioning of belts was identified as the cause. Maintenance Instruction (MI)-0.16, "Maintenance Guidelines For Belt Driven Equipment," had been initiated in 1988 as a result of deficiencies written on air handling equipment. The instruction provided a belt tensioning method base on belt deflection (Browning Belt Manufacture guidance). This resulted in high forces/loads on the shaft and bearings.</p> <p>Because of the identified condition, the required 100 days of continuous operation to support safe shutdown following a design basis accident may not be assured, since potential fan running time before failure could not be determined. However, the fans had not failed prior to removal from service for repairs.</p> <p>Forty one safety-related/quality-related Ellis and Watts belt driven fans required for Unit 1 operation have been identified. As part of this review, eighteen were determined to be required to be inspected prior to mode 6. Inspection has been performed on the eighteen units plus 2-Cond-31-289. Five of the nineteen were identified to have damaged shafts and have been repaired. The corrective actions include a change to the method of tightening the belts for avoiding shaft damage.</p>	95225	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
11/12/96	0		ENGINE SYSTEMS INC./G	TAPPERT J.	PART 21 #96760 - ENGINE SYSTEMS INC. REPROTS THAT FOUR EXCITATION CONTACTORS (EMD #9562575) SOLD TO GPU/OYSTER CREEK HAD A JUMPER WIRE LEFT IN PLACE THAT SHOULD HAVE BEEN REMOVED FOR THE GPU APPLICATION. THE WIRE WOULD CAUSE A SHORT CIRCUIT IF NOT REMOVED. OYSTER CREEK WAS THE ONLY CUSTOMER.	96760	
08/15/95	0	08/16/96	FARWELL & HENDRICKS	HUNEMULLER N.	<p>The short name for this issue is relay th oload.</p> <p>The description of the lead Part 21 report given in the old TQM dBase file is:</p> <p>94199 F - TENNESSEE VALLEY AUTHOR/BELLEFONTEREPORTS MALFUNCTION OF TEMPORARILY OPEN & RECLOSE W/O FULLY TRIPPING. COULD RESULT IN UNACCEPTABLE CONSEQ TO SYSTEM PROCESSES.</p> <p>Additional related Part 21 reports are described in the closeout section below.</p>	94199	GEN
11/20/96	9611060249		FARWELL & HENDRICKS	SKEEN D.	NEW ISSUE. MSD 8255 latching relay with DC unlatching coil becomes unlatched without the reset coil being energized. PSE&G has identified 8 installations.	96780	
12/16/94	9412010280	10/16/95	FITZPATRICK 1	HUNEMULLER N.	A SPARE GENERAL ELECTRIC MOLDED CASE CIRCUIT BREAKER, TYPE THJK, WAS BEING BENCH TESTED IN PREPARATION FOR INSTALLATION IN A SAFETY RELATED APPLICATION. THE BREAKER OVERCURRENT TRIP FAILED TO PERFORM WITHIN THE SPECIFIED TIME- CURRENT CURVE. THE BREAKER WAS NOT INSTALLED. A SECOND BREAKER FROM SPARE PARTS INVENTORY WAS BENCH TESTED WITH SATISFACTORY RESULTS.	94295	OTH
04/11/95	1-95-0053	02/01/96	FITZPATRICK 1	HUNEMULLER N.	LICENSEE WAS NOTIFIED BY ITT BARTON THAT MODELS 200, 227A, 228A, AND 289A DIFFERENTIAL PRESSURE INSTRUMENTS MANUFACTURED WITH "B-FILL" FLUID MAY NOT FUNCTION IN RADIATION FIELDS GREATER THAN 1 MEGARAD. THE ETHYLENE GLYCOL USED IN THE "B-FILL" TENDS TO BREAK DOWN UNDER HIGH RADIATION, AND THIS FACT MAY NOT HAVE BEEN COMMUNICATED TO PURCHASERS.	95096	OTH

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
03/04/96	30039	04/18/96	FITZPATRICK 1	BIRMINGHAM J.	SEVERAL SAFETY RELIEF VALVE PILOTS WERE NOT FUNCTIONING WHEN TESTED DURING REFUELING.	96680	EOI
03/22/96	30149		FITZPATRICK 1	SKEEN D.	POTENTIAL FOR CIRCUIT BREAKER SPRING CHARGING MOTOR LIMIT SWITCH FAILURES TO AFFECT 4KV CIRCUIT BREAKERS IN BOTH SAFETY DIVISIONS. PART 21 REPORT (VIA LER) EXPECTED.	96310	TBD
01/12/95	H-95-0002	03/30/95	FLORIDA POWER CORP.	GREENE T.	VSL CORP/FLORIDA POWER CORP REPORTS DELIVERY OF COMMERCIAL GRADE STUDS, NUTS, WASHERS WHEN SAFETY-RELATED QUALITY WAS ORDERED. CAUSE OF NONCONFORMANCE IS UNDER REVIEW.	95002	
08/16/95	29033	09/13/95	FOXBORO	TAPPERT J.	The problem addresses an abnormal power draw by DC/DC converter added to 1E non 1E isolation module. This problem is also reported under vendor record 95160. It applied to Haddam Neck plant.	95159	OTH
08/16/95	9507280064	08/16/95	FOXBORO	TAPPERT J.		95160	
04/16/96	0	04/19/96	FOXBORO	SKEEN D.	PART 21 LOG #96300 - FOXBORO REPORTS POTENTIAL DEFECT FOR N-820 SERIES TRANSMITTERS WITH ANALOG OUTPUT. PINS MAY DELAMINATE UNDER HIGH AMBIENT THERMAL CYCLES. NO FAILURES IN NUCLEAR APPLICATION. FAILURES HAVE OCCURRED IN COMMERCIAL APPLICATIONS IN OUTDOOR USE. LETTERS TO BE SENT TO NOTIFY NUCLEAR CUSTOMERS. SPECIAL INSPECTION BRANCH IS AWARE OF PROBLEM.	96300	OTH
05/31/96	9605240007	09/11/96	FOXBORO	SKEEN D.	PART 21 LOG #96380 - LTR FROM FOXBORO DATED 5/1/96 RE: AUTO/MANUAL MODE SWITCH PUSHBUTTON ON FOXBORO N-2AX+M_N OUTPUT STATION DOESN'T WORK 100% SOMETIMES THE BUTTON MUST BE PUSHED AGAIN TO GET THE SWITCH CONTACTS TO MAKE UP PROPERLY. CUSTOMERS BEING NOTIFIED. ADVICE IS TO FIX WHEN MALFUNCTION OCCURS, OTHERWISE DO NOTHING.	96380	
05/31/96	0		FRAMATOME/ANO, CR3	HODGE V.	PART 21 LOG #96390 - FRAMATOME AS SUCCESSOR TO B&W TECHNOLOGIES REPORTS THAT MATERIAL USED FOR PERMANENT CANAL SEAL PLATES CONTAINS WELDS CONTRARY TO ASME A479. NO PROBLEMS HAVE BEEN OBSERVED IN SERVICE AT CRYSTAL RIVER OR ARKANSAS NUCLEAR ONE.	96390	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
12/04/95	29535	12/05/95	GE-NE	DENNIG R.	PART 21 LOG #95-219: GE REPORTS THAT VALVES SUPPLIED ONLY TO PILGRIM AND NOT YET INSTALLED HAD VALVE PACKING MATERIAL THAT DID NOT CONFORM TO GE SPECIFICATIONS. THE VALVES WERE PROCURED FROM RING-O VALVE SpA OF ITALY. CORRECTIVE ACTIONS HAVE BEEN TAKEN. NEW MATERIAL WAS INSTALLED BEFOR THE VALVES WERE PLACED IN SERVICE. SINCE THE ONLY VALVES INVOLVED HAVE BEEN FIXED, AND WERE NEVER IN SERVICE IN THE DISCREPANT CONDITION, NO FURTHER ACTION IS REQUIRED.	95219	
12/04/95	0	12/05/95	GE-NE	DENNIG R.	PART 21 LOG #95-220: FAX - GE REPORTS THAT VALVES SUPPLIED ONLY TO PILGRIM AND NOT YET INSTALLED HAD VALVE PACKING MATERIAL THAT DID NOT CONFORM TO GE SPECIFICATIONS. THE VALVES WERE PROCURED FROM RING-O VALVE SpA OF ITALY. CORRECTIVE ACTIONS HAVE BEEN TAKEN. NEW MATERIAL WAS INSTALLED BEFOR THE VALVES WERE PLACED IN SERVICE. SINCE THE ONLY VALVES INVOLVED HAVE BEEN FIXED, AND WERE NEVER IN SERVICE IN THE DISCREPANT CONDITION, NO FURTHER ACTION IS REQUIRED.	95220	
08/09/95	0	08/28/95	GENERAL ELECTRIC	HUNEMULLER N.	The description of this Part 21 report given in the old TQM dBase file is: 93440 F GENERAL ELECTRIC REPORTS EXPRNCNG PROB WITH GE CR2940 SWITCH ASSBLES DURING FACTRY TESTING AS EVIDENCED BY FAILURE OF CYLINDER LOCK SELECTOR SPRING TO RETURN SWTCH TO ORIG POSITION BY SPRING FORCE. TESTG UNDERWAY. NO FIELD FAILURES RPTD. SEE LOG#94046.	93440	GEN
05/09/96	9411070265	05/21/96	GENERAL ELECTRIC	HODGE V.	PT21 #95-019 Tennessee Valley Authority/Watts Bar 1/2 Reports separation of pin connecting trip coil link to crank & falling out of GE magneblast C/B due to failure of pin weld. 206 C/Bs inspected and 50 percent showed defects. See Log 94182.	95019	OTH
05/29/96	30539	09/23/96	GENERAL ELECTRIC	CARTER J.	PART 21 LOG #96470 - GESTAR II GENERIC SAFETY LIMIT MINIMUM CRITICAL POWER RATIO (MCPR) MAY BE NONCONSERVATIVE WHEN APPLIED TO SOME CORE AND FUEL DESIGNS.	96470	GEN
10/01/96	0		GENERAL ELECTRIC	SKEEN D.	GE EVALUATION OF FAILURES OF RMS-9 OVERCURRENT TRIP DEVICE PROGRAMMERS WITH INSTANTANEOUS TRIP FUNCTIONS. RELATED TO PT21 95133.	96540	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
07/17/95	28955	07/19/95	GINNA 1	KOSHY T.	Fisher Controls valve supplied a butterfly valve with air-to-open instead of air-to-close. The valve was supplied commercial grade and was dedicated by the licensee. The dedication process did not identify the problem. This problem was also reported under Vender File 95149. This was a FAXed report of the same.	95148	OTH
12/04/95	29247	12/05/95	GINNA 1	BIRMINGHAM J.	PART 21 LOG #95-193: ROCHESTER GAS AND ELECTRIC REPORTS THAT TUTHILL INTERNAL GEAR POSITIVE DISPLACEMENT PUMP MODEL 2CF-CC WAS PROCURED AS "EXACT REPLACEMENT" FOR OEM EQUIPMENT. PUMP MET ALL PROCUREMENT SPECS, WAS PROCURED AS COMMERCIAL GRADE AND DEDICATED BY ROCHESTER GAS AND ELECTRIC. POST INSTALL ATION TESTING INDICATED ADJUSTMENTS NEEDED TO ATTAIN PROPER OPERATING FUEL OIL PRESSURE. LACK OF ADJUSTMENT WOULD HAVE RESULTED IN LOWERED DIESEL OUTPUT.	95193	
12/04/95	0	12/06/95	GINNA 1	BIRMINGHAM J.	PART 21 LOG 95-194: FAX FROM ROCHESTER GAS AND ELECTRIC. ROCHESTER GAS AND ELECTRIC REPORTS THAT TUTHILL INTERNAL GEAR POSITIVE DISPLACEMENT PUMP MODEL 2CF-CC WAS PROCURED AS "EXACT REPLACEMENT" FOR OEM EQUIPMENT. PUMP MET ALL PROCUREMENT SPECS, WAS PROCURED AS COMMERCIAL GRADE AND DEDICATED BY ROCHESTER GAS AND ELECTRIC. POST INSTALL ATION TESTING INDICATED ADJUSTMENTS NEEDED TO ATTAIN PROPER OPERATING FUEL OIL PRESSURE. LACK OF ADJUSTMENT WOULD HAVE RESULTED IN LOWERED DIESEL OUTPUT.	95194	
07/17/95	0	07/17/95	GINNA 1	KOSHY T.		95149	
02/15/96	29247	03/27/96	GINNA 1	BIRMINGHAM J.	PT21 96-120 REPORT THAT TUTHILL PUMP MODEL 2CF-CC REQUIRED ADJUSTMENT TO ENSURE THAT PROPER FUEL OIL PRESSURE WAS ATTAINED FOR EMERGENCY DIESEL GENERATOR.	96120	
10/21/96	31128		GINNA 1	KOTZALAS M.	U.S. ELECTRIC MOTORS SERVICE WATER PUMP MOTOR FAILED ITS POST-MODIFICATION FUNCTIONAL TEST. LICENSEE DISCOVERED DAMAGED LEADS. LICENSEE PURCHASED MOTOR COMMERCIAL-GRADE AND COMMERCIALY DEDICATED IT.	96550	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
12/04/95	29426	03/27/96	GOULD/ITE	SKEEN D.	ILLINOIS POWER (CLINTON) REPORTS SPURIOUS ACTION OF GOULD/ITE (NOW ABB) SOLID STATE TRIP DEVICE MODEL TYPE SS-13, PART NUMBER 609901-T012. TESTING INCONCLUSIVE.	95213	OTH
12/04/95	0	12/05/95	GOULD/ITE	SKEEN D.	PART 21 LOG #95-214: FAX FROM ILLINOIS POWER (CLINTON) PROVIDING DETAILS OF SPURIOUS ACTUATION OF SOLID STATE TRIP DEVICE TYPE SS-13, PART NUMBER 609901- T012.	95214	OTH
02/03/95	28328	10/16/96	HADDAM NECK 1	BENNER E.	DURING MOV TESTING, TWO SERVICE WATER BYPASS VALVES FAILED TO OPEN FULLY WHEN TESTED AGAINST FULL PRESSURE DIFFERENTIAL. VALVES TRAVELLED FOR 1.5 SECONDS OUT OF THE 9 SECONDS TO OPEN FULLY, THEN TORQUE SWITCH TRIPPED. LICENSEE SET TORQUE LIMIT HIGHER IN ORDER TO GET VALVES TO OPEN.	95041	EOI
02/05/96	0	04/05/96	HOLTEC	WANG E.	PART 21 #96040 - HOLTEC REPORTS PROBLEM WITH RESULTS FROM VARIOUS VERSIONS OF ANSYS. LETTER STATES THAT PROBLEM HAS NO AFFECT ON HOLTEC SAFETY RELATED CALCS FOR LICENSEES.	96040	GEN
08/08/96	9607170075	09/10/96	HOLTEC/ANSYS	GREENE T.	PART 21 LOG #96044 - ADDITIONAL INFORMATION FROM ANSYS ON THE RESOLUTION OF PROBLEMS EXPERIENCED BY HOLTEC. LETTER DATED 7/11/96.	96044	OTH
01/27/95	1-95-0009	05/30/95	HOPE CREEK 1	HODGE V.	DURING A CORE SPRAY SYSTEM IST A PUMP DISCHARGE CHECK VALVE HUNG OPEN. FOLLOWUP INSPECTION NOTED BODY DEFORMATION THAT MAY HAVE RESULTED FROM EXCESSIVE DISK TRAVEL. A SIMILAR CONDITION WAS NOTED ON ANOTHER VALVE I A SYSTEM THAT HAD EXPERIENCED FLOW AND PRESSURE OSCILLATIONS OF THE TYPE ASSOCIATED WITH CHECK VALVE ANOMALIES. THE VALVES ARE ANCHOR DARLING SWING CHECK VALVES OF VARIOUS DIMENTIONS 12", 16", 20".	95027	EOI
11/11/94	28014	06/16/95	HOPE CREEK 1	HODGE V.	Air operated gate valves, utilizing Hiller actuators, in the room cooler water supply lines failed to open (safety function) in two of the EDG rooms during surveillance. Problem seems to be related to frequency of operation. Hope Creek has 32 valves of this type. Licensee mechanically agitated the valves to open them and began short term compensatory action of weekly testing for the other valves. Minimal safety significance at Hope Creek.	95074	EOI

Ref: BGCTS 95-093 (Hodge), TAC M91746

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
06/30/95	9505030198	07/06/95	HOPE CREEK 1	DENNIG R.	REPORT FROM HOPE CREEK ON INCORRECT DIMENSIONAL TOLERANCES OF ANCHOR-DARLING SWING CHECK VALVE COMPONENTS.	95131	
07/31/95	0	04/03/96	HOPE CREEK 1	HODGE V.	Pt 21 95-082 - FAX report from Hope Creek on incorrect dimensional tolerances of Anchor- Darling valve components. Related to BGCTS 95-091, TAC M91646 (Hodge), Pt21 95027, and Pt21 95131.	95082	
02/15/96	0		HOPE CREEK 1	GREENE T.	PART 21 LOG #96150 - HOPE CREEK LICENSEE PROVIDES AN INTERIM REPORT (PART 21 REPORTABILITY NOT YET DETERMINED DUE TO LACK OF ROOT CAUSE) CONCERNING VALVES USED IN THE SCRAM DISCHARGE VOLUME APPLICATION. THE VALVES ARE 2500 LB GLOBE VALVES MANUFACTURED BY HAMMEL DAHL. VALVE DID NOT GO TO THE FULLY CLOSED POSITION DURING TESTING.	96150	
05/06/96	0		IDEAL ELECTRIC	GREENE T.	PART 21 LOG #96340 - ILLINOIS POWER (CLINTON) REPORTS THAT IDEAL ELECTRIC, THE MANUFACTURER OF THE GENERATOR PORTION OF THEIR DIVISIONS 1 AND 2 EDGS, HAD DISCOVERED AN ERROR IN THE CALCULATION OF THE GENERATOR ROTOR MASS. NO SEISMIC IMPLICATIONS, BUT FREQUENCY AND TORSIONAL ANALYSIS UNDERWAY.	96340	
05/30/96	9605070306	06/12/96	IDEAL ELECTRIC/CLINTO	GREENE T.	PART 21 LOG #96341 - ILLINOIS POWER REPORTS IN FINAL REPORT THAT INCORRECT MASS CALCULATION FOR GENERATOR ROTOR SUPPLIED BY IDEAL HAS NO AFFECT ON PERFORMANCE AND CONDITION IS ACCEPTABLE AS IS.	96341	
03/16/95	28502	04/25/95	INDIAN POINT 2	GREENE T.	LICENSEE REPORTS THAT 1/4 INCH LIFT CHECK VALVES MANUFACTURED BY NUPRO (MODEL SS-53S4) HAD FLOW ARROW POINTING IN THE WRONG DIRECTION. 10 VALVES IN THE SAME LOT WERE AFFECTED, ALL PROCURED AS COMMERCIAL GRADE AND DEDICATED BY THE LICENSEE. NO FUNCTIONAL CHECK WAS PERFORMED AS PART OF DEDICATION AND PROCEDURES HAVE BEEN REVISED. NO VALVES WERE ACTUALLY PLACED IN SERVICE. NUPRO INDICATED THAT PROBLEM WAS DUE TO ISOLATED HUMAN ERROR.	95062	OTH
04/13/95	1-95-0038	04/17/95	INDIAN POINT 2,3	KOSHY I.	Pacific pump used in SI systems could be disabled from axial movement of impellers. This problem results from inadequately torqued locknut.	95068	
02/27/96	29248		INDUSTRIAL NUCLEAR	NMSS	Ind nucl radiography source connector	95195	NMS

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
12/04/95	0	12/05/95	INEL	DENNIG R.	PART 21 LOG #95-217: INEL REPORTS THAT ISOLATION VALVE ASSESSMENT SOFTWARE (IVA) VERSION 4.10 CONTAINS AN ERROR THAT AFFECTS CALCULATIONS FOR GATE VALVES IN THE OPENING DIRECTION. ALL REGISTERED USERS NOTIFIED, INEL IS UNABLE TO ASSESS SIGNIFICANCE DUE TO LACK OF KNOWLEDGE OF SPECIFIC APPLICATIONS.	95217	
04/03/95	28593	12/06/95	INFO NOTICE AUTHO	SKEEN D.	ON 2/18/95, MSIVs AT LASALLE UNIT 2 FAILED TO CLOSE BECAUSE ASCO NP 8323 PIL;OT VALVES STUCK. IN 1989, ASCO RECOMMENDED THAT THE LICENSEE DISCONTINUE USE OF THIS MODEL.	95143	GEN
05/15/95	9503020053	05/17/95	INGERSOLL DRESSER PUM	KOSHY T.	Pressure reducing sleeve and its locknut problems in safety injection pumps. This information was first received under EN 27924.	95085	OTH
08/05/96	9606050217	08/05/96	INGERSOLL-DRESSER	CARTER J.	PART 21 #96-067	96067	
07/05/95	9505240268	07/12/95	ITE	KOSHY T.	This event is addressed in Part 21 files 95134, 95126 and in morning report 4-95-35. This problem addresses the use of and over-sized cable lug used in ITE switchgear.	95125	GEN
04/19/95	4-95-0035	04/24/95	ITE IMPERIAL	KOSHY T.	Oversized cable Amp cable lugs installed in ITE 480 Volt switchgear.	95069	OTH
07/03/95	0	07/12/95	ITE/ABB	KOSHY T.	Use of oversized AMP cable lugs used in ITE switchgear.	95134	GEN
01/24/95	28267	03/03/95	ITT BARTON	HODGE V.	ITT BARTON REPORTS THAT 288A AND 289A DIFFERENTIAL PRESSURE SWITCHES SHOWED CONTACT CHATTER DURING SEISMIC TESTING AT HIGH ACCELERATIONS (UP TO 12G).	95018	EOI
02/22/95	28392	03/13/95	ITT BARTON	HODGE V.	ITT BARTON PROVIDES UPDATE ON TESTING FOR 288A/289A CHATTER DURING SEISMIC EVENTS.	95052	
07/31/95	0	04/04/96	ITT BARTON	HODGE V.	Pt21 95-094 - Letter report from ITT Barton on dp indicating switch, Models 288A, 289A, chattering at 12g but with no functional degradation. Related to BGCTS 95-090 (Hodge), TAC M91645, and Pt21 95018.	95094	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
06/10/96	9607030156		ITT BARTON	SKEEN D.	PART 21 LOG #96460 - ITT BARTON REPORTS THAT CERTAIN LOTS OF COMMERCIAL GRADE POTENTIOMETERS USED IN MODEL 765/765A DIFFERENTIAL PRESSURE ELECTRONIC TRANSMITTERS HAVE BEEN SUPPLIED WITH LUBRICATION NOT IN COMPLIANCE WITH PURCHASE SPECS.	96460	
06/03/96	0		ITT BARTON/CLINTON	HODGE V.	PART 21 LOG #96420 - CLINTON LICENSEE REPORTS THAT AN ITT BARTON PUMP ASSEMBLY FOR A SERIES NH95 HYDRAMOTOR ACTUATOR DID NOT DEVELOP SUFFICIENT PRESSURE. RETURNED TO ITT BARTON FOR EXAMINATION, SCHEDULED TO BE COMPLETED 12/31/96.	96420	
04/13/95	28585	05/03/95	KEPCO	DENNIG R.	INTEGRATED RESOURCES, INC. IDENTIFIED HIGH FAILURE RATE OF TWO TRANSISTORS USED IN A KEPCO POWER SUPPLY #RMX24-D-20804 WHEN REFURBISHING POWER SUPPLIES FROM NINE MILE POINT 2. THE POWER SUPPLIES WERE BUILT BY TDK IN JAPAN FOR KEPCO WHO SOLD THEM TO GE WHO SUPPLIED THEM TO NUCLEAR CUSTOMERS. THESE POWER SUPPLIES ARE KNOWN TO BE USED IN APRM CIRCUITS FOR NINE MILE POINT 2 AND PERRY. THE TRANSISTORS ARE UNDERRATED FOR THE APPLICATION AND AS A RESULT FAIL PREMATURELY IN SERVICE. THE RESULT IS TO FAIL THE OUTPUT OF THE POWER SUPPLY AND THUS FAIL THE POWERED EQUIPMENT. THUS THIS FAILURE MECHANISM IS SELF-ANNOUNCING AND CORRECTABLE UPON FAILURE. THE FAILURE OF MULTIPLE POWER SUPPLIES IS NOT SYNCHRONIZED, THUS MULTIPLE CHANNELS ARE UNLIKELY TO BE IMPACTED AT THE SAME TIME. SAFETY SIGNIFICANCE IS MINIMAL.	95075	GEN
05/26/95	0	06/02/95	KEPCO	DENNIG R.	PART 21 #95112. CORRESPONDENCE CONSISTS OF EN 28585 UPDATE REFLECTING AVAILABILITY OF REPORT FROM INTEGRATED RESOURCES INC. RE KEPCO POWER SUPPLIES. PREVIOUS ASSIGNMENT DATED 041395 TO DENNIG WILL DOCUMENT DISPOSITION.	95112	
06/06/95	0	06/08/95	KEPCO	DENNIG R.	PART 21 LOG #95113 - THIS CORRESPONDENCE IS THE FINAL REPORT FROM INTEGRATED RESOURCES CORPORATION ON DEFICIENCIES CAUSE BY marginally SPECIFIED TRANSISTORS IN KEPCO MODEL #RMX 24-D-20804 POWER SUPPLIES. THIS ITEM RELATES TO A PREVIOUS ASSIGNMENT TO DENNIG DATED 041395 AND RELATED TO EN 28585. CLOSEOUT IS DOCUMENTED AGAINST THAT ASSIGNMENT.	95113	
08/07/95	9507170404	08/18/95	KEYSTONE	CARTER J.	PART 21 LOG #95172 - LETTER REPORT FROM KEYSTONE RE: AGCO MODEL 81P RELIEF VALVES. PRESSURE ADJUSTMENT SHOULD BE WITH FLUID, NOT AIR WHICH COULD GIVE NON-CONSERVATIVE RESULTS.	95172	

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08/25/95	0	09/06/95	KEYSTONE	CARTER J.	PART 21 LOG #95180 - UPDATE OF EN #29066 AND FAX OF RESULTS OF TESTING RE: AGCO MODEL 81p RELIEF VALVE SET POINT PROBLEM IF FIELD SET WITH AIR RATHER THAN WATER. CLOSED OUT UNDER PREVIOUS ASSIGNMENT EN #29066.	95180	
09/16/96	30999		LASALLE 1,2	SKEEN D.	LASALLE REPORTS RESPONSE TO GE-NE PART 21 NOTIFICATION CONCERNING RMS-9 OVERCURRENT TRIP DEVICE PROGRAMMERS. REPORT INDICATES GE HAS IDENTIFIED 27 AFFECTED PLANTS AND CONCLUSION THAT ISSUE IS VALID PART 21 CONCERN.	96540	GEN
10/08/96	31073		LASALLE 1,2	SKEEN D.	EFFECTIVE DIAPHRAGM AREA IN AOVs MAY BE SIGNIFICANTLY SMALLER THAN ASSUMED. VALVES MAY NOT FUNCTION IN ISOLATION APPLICATION. ANCHOR DARLING IS RESPONSIBLE VENDOR, ALTHOUGH VALVES WERE ORIGINALLY MANUFACTURED BY ANOTHER COMPANY.	96250	EOI
04/21/95	9503170049	04/24/95	LIMITORQUE	KOSHY T.	Worm shaft clutch gear assembly on two MOVs experiences premature failure.	95071	OTH
05/16/95	0		LIMITORQUE	GREENE T.	RECEIVED INTERIM REPORT FROM COMED DETAILING CONCERNS ABOUT TYPE 1018 MOTOR PINION KEYS.	95104	
07/19/95	29060	09/11/95	LIMITORQUE	WEN P.	PART 21 LOG #95-161 - LIMITORQUE REPORTS THAT BASE ON NOTIFICATION FROM TVA THEY ARE REPORTING A POTENTIAL PROBLEM WITH MANUAL-TO-AUTOMATIC (ELECTICAL) OPERATION FOR SMB/SB/SBD-00 MOV ACTUATORS WITH CAST DATES OF 1979 OR EARLIER. THE "OUTSIDE CLUTCH TRIPPER" CAN BECOME WEDGED AGAINST THE OPERATOR HOUSING AND PREVENT THE TRANSITION FROM MANUAL TO AUTOMATIC OPERATION. PROBLEM IS IMMEDIATELY DETECTABLE IF ELECTRICAL OPERATION IS STANDARD PROCEDURE FOLLOWING ANY MANUAL OPERATION.	95161	GEN
07/19/95	0	08/09/95	LIMITORQUE	WEN P.	PART 21 LOG #95-162 - LIMITORQUE REPORTS THAT BASE ON NOTIFICATION FROM TVA THEY ARE REPORTING A POTENTIAL PROBLEM WITH MANUAL-TO-AUTOMATIC (ELECTICAL) OPERATION FOR SMB/SB/SBD-00 MOV ACTUATORS WITH CAST DATES OF 1979 OR EARLIER. THE "OUTSIDE CLUTCH TRIPPER" CAN BECOME WEDGED AGAINST THE OPERATOR HOUSING AND PREVENT THE TRANSITION FROM MANUAL TO AUTOMATIC OPERATION. PROBLEM IS IMMEDIATELY DETECTABLE IF ELECTRICAL OPERATION IS STANDARD PROCEDURE FOLLOWING ANY MANUAL OPERATION.	95162	OTH

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08/16/95	0	08/22/95	LIMITORQUE	KOSHY T.	This Limitorque letter informs all licensees about the possibility of certain Limitorque operators being prevented from shifting to automatic from manual on motor start. This was first reported in EN 29060.	95169	
11/03/95	0	11/03/95	LIMITORQUE	DENNIG R.	PART 21 LOG #95185 - COMMONWEALTH EDISON PROVIDES A FINAL REPORT ON INVESTIGATION OF POSSIBLE DEFECT RELATED TO HARDNESS OF MOTOR PINION KEYS. LAB TESTS AT KALSI HAD INDICATED THAT KEYS WITH HARDNESS 1018 COULD FAIL OUTSIDE THE PARAMETERS SPECIFIED BY LIMITORQUE IN PREVIOUS MAINTENANCE COMMUNICATIONS. COMMONWEALTH EDISON FINAL REPORT STATES "AISI TYPE 1018 KEYS ARE QUALIFIED FOR USE IN LIMITORQUE ACTUATORS WITH THE EXCEPTIONS NOTED BY LIMITORQUE ... MOTOR PINION KEYS SHOULD BE INSTALLED IN ACCORDANCE WITH LIMITORQUE GUIDELINES PROVIDED IN MAINTENANCE UPDATE 89-01." THUS, NO DEFECT EXISTS. NONETHELESS, THIS ISSUE WAS FOLLOWED UP UNDER PART 21 LOG #94285 AND CLOSED OUT WITH A MENTION OF THE POTENTIAL PROBLEM IN IN 94-10. NO FURTHER ACTION.	95185	
12/31/96	9608120083		LIMITORQUE	GREENE T.	<p>Start torque at high temperature. Related Pt21 reports:</p> <p>Pt21 93472 Accessno 9308030149 Closed by issuance of IN 93-74 DUQUESNE LIGHT CO REPORTS THEIR ANALYSIS OF VALVE ACTUATORS RELATIVE TO PT 21 FROM LIMITORQUE ON DECREASES OF MOTOR STARTING TORQUE WITH INCREASING TEMP.</p> <p>Pt21 93277 Accessno 9306010023 Closed by issuance of IN 93-74 LIMITORQUE REPORTS LOCKED ROTOR TORQUE/AMPERAGE FOR RELIANCE 3PH ASE VALVE ACTUATOR MOTORS WILL VARY WITH MOTOR TEMPERATURE; VALUES DECREASE AS MOTOR TEMP INCREASES. PERCENT CHANGE IN TEMP RANGE OF 25C TO180C GIVEN.</p> <p>Pt21 93321 Accessno 9308030372 Closed by issuance of IN 93-74 B&W NUCLEAR TECH REPORTS THAT LIMITORQUE VALVE ACTUATORS AFFECTED BY INCREASED TEMP WERE SUPPLIED TO B&W DESIGNED PLANTS AND OTHERS. ALL WILL BE NOTIFIED.</p>	96890	

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03/22/95	28499	05/07/95	LIMITORQUE CORP.	TAPPERT J.	Wrong type of grease seal in limitorque actuators. (Buna-n seal rated for 210 to 250 F instead of viton seals rated for 450 to 600 F) Buna-N could fail at 340 F.	95057	OTH
08/09/96	0		MAGNE-BLAST/FITZPATRI	SKEEN D.	PART 21 LOG #96-311 - REFERRAL FROM AEOO LER REVIEW IDENTIFIED PART 21 INVOCATION FOR REPORT OF PROBLEM WITH CONTACT RESISTANCE ON MAGNE-BLAST BREAKERS IN SERVICE AT FITZPATRICK. HIGH RESISTANCE IN CLOSE COIL CIRCUIT RESULTED IN FAILURE TO START FOR RHRW PUMPS A AND C. SAME EVENT AS PREVIOUSLY ASSIGNED IN EN #30149.	96311	
03/10/95	28456	04/20/95	MAINE YANKEE 1	CARTER J.	THE LICENSEE IDENTIFIED EVIDENCE OF CRACKING IN GE TYPE SBM CONTROL SWITCHES BOTH IN USE AND IN STOCK.	95060	OTH
07/03/95	0	07/12/95	MAINE YANKEE 1	KOSHY T.	Multiple 480V breaker trips caused by electronic trip devices (RMS-9 supplied by GE).	95133	OTH
06/30/95	28997		MCGUIRE 2	BENNER E.	APPARENT DESIGN DEFICIENCY CAUSES FAILURE OF TURBO CHARGERS ON BOTH UNIT 2 EDGS.	95158	EOI
10/01/96	31009	11/29/96	MCGUIRE/OCONEE 1,2/1,	KOTZALAS M.	GRINNELL SNUBBERS QUALIFIED TO ENVIRONMENTAL CONDITIONS DIFFERENT FROM ACCIDENT CONDITIONS.	96530	
10/01/96	0	11/01/96	MILLSTONE 1	TAPPERT J.	On installation of Fairbanks Morse edg lower connecting rod, found that serial numbers on rod and its cap did not match.	96510	OTH
11/25/96	31371		MILLSTONE 3	SKEEN D.	PART 21 96800 - MILLSTONE REPORTS CRACKS IN BRASS FERRULES OF VARIOUS FUSES. FUSES FUNCTIONED WHEN TESTED, BUT DID NOT REMAIN INTACT. CONCERN IS GENERATION OF DEBRIS THAT COULD AFFECT NEARBY CIRCUITS.	96800	
12/04/96	9609120078		MILLSTONE 1	TAPPERT J.	ON INSTALLATION OF FAIRBANKS MORSE EDG LOWER CONNECTING ROD, FOUND THAT SERIAL NUMBERS ON ROD AND ITS CAP DID NOT MATCH.	96510	
05/30/96	0		MKM POWER SYSTEMS/PEE	WANG E.	PART 21 LOG #96291 - COOPER REPORTS A PROBLEM WITH VOLTAGE ADJUST POTENTIOMETER ON PEBBLES VOLTAGE REGULATOR DUE TO FOREIGN MATERIAL.	96291	
05/02/95	9503100006	05/05/95	MKW POWER SYSTEMS	WANG E.	THIS PIECE OF CORRESPONDENCE DESCRIBES A PROBLEM WITH POTTER BRUMFIELD RELAY #R10-E3286-2 USED IN C&D BATTERY CHARGERS.	95095	

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06/08/95	0	07/26/95	MKW POWER SYSTEMS	SKEEN D.	IN AN INTERIM REPORT (LOG #95122, ISSUE NUMBER 95010) MKW POWER SYSTEMS REPORTS THAT SQUARE D CLASS 8501 TYPE KPD RELAYS MAY HAVE CERTAIN CONTACTS SEEING SERVICE THAT EXCEEDS CAPACITY. THESE RELAYS ARE USED IN DIESEL GENERATOR CONTROL PANELS SUPPLIED BY MKW. RELAYS HAVE GENERALLY SEEN EXTENDED SERVICE WITHOUT PROBLEM, BUT CONTACTS USED BY THE EQUIPMENT PURCHASER FOR AUXILIARY PURPOSES SUCH AS DG CIRCUIT BREAKER CLOSE, DG CIRCUIT BREAKER TRIP, 86 LOCKOUT RELAY TRIP MAY BE OVERSTRESSED SINCE CURRENTLY SPECIFIED CAPACITY IS LESS THAN THAT ORIGINALLY SPECIFIED TO CUSTOMERS. POINT BEACH CONTACTED MKW WHEN THEY BURNED UP A CONTACT AND INITIATED THE PART 21 CONCERN.	95122	OTH
06/09/95	0	08/10/95	MKW POWER SYSTEMS	WANG E.	PART 21 LOG #95-123 - ISSUE NUMBER 95011 - MKW POWER SYSTEMS SUPPLIED TURKEY POINT WITH SEVERAL GENERAL ELECTRIC HEA63 LOCKOUT RELAYS, APPLICATION NOT SPECIFIED. THE RELAYS IN QUESTION WERE SUBJECT TO A MANUFACTURING DEFECT OF RANDOM NATURE (WINDOW OF OPPORTUNITY 1990 - 1994) THAT RESULTED IN A SHAFT BEING CUT TOO SHORT. THIS IN TURN CAN CAUSE BINDING WHICH APPARENTLY HAPPENED IN ONE CASE AT TURKEY POINT. ONLY RELAYS WITH ELECTRIC RESET COULD HAVE THE PROBLEM. GE HAS SENT A SERVICE LETTER TO ALL THEIR CUSTOMERS, INCLUDING MKW WHICH GENERATED THE LOGGED CORRESPONDENCE.	95123	GEN
06/09/95	9505090038	06/13/95	MKW POWER SYSTEMS	WANG E.	REPEAT OF #95-123 AS RECEIVED AGAINST TURKEY POINT DOCKET THROUGH RIDS. MKW POWER SYSTEMS SUPPLIED TURKEY POINT WITH SEVERAL GENERAL ELECTRIC HEA63 LOCKOUT RELAYS, APPLICATION NOT SPECIFIED. THE RELAYS IN QUESTION WERE SUBJECT TO A MANUFACTURING DEFECT OF RANDOM NATURE (WINDOW OF OPPORTUNITY 1990 - 1994) THAT RESULTED IN A SHAFT BEING CUT TOO SHORT. THIS IN TURN CAN CAUSE BINDING WHICH APPARENTLY HAPPENED IN ONE CASE AT TURKEY POINT. ONLY RELAYS WITH ELECTRIC RESET COULD HAVE THE PROBLEM. GE HAS SENT A SERVICE LETTER TO ALL THEIR CUSTOMERS, INCLUDING MKW WHICH GENERATED THE LOGGED CORRESPONDENCE.	95124	

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04/16/96	9603270295	05/30/96	MKW POWER SYSTEMS	WANG E.	PART 21 LOG #96290 - MKW POWER SYSTEMS REPORTS A POTENTIAL DEFECT WITH THE VOLTAGE ADJUST POTENTIOMETER USED ON THE NEI PEEBLES (PORTEC) VOLTAGE REGULATORS. PROBLEM BROUGHT TO THEIR ATTENTION BY TURKEY POINT. INVESTIGATION COMPLETED, PROBLEM INVOLVES DEBRIS ON THE WIPER ARM THAT AFFECTS PERFORMANCE. HOWEVER, THE POT IS USED FOR A ONE-TIME ADJUST AT INITIAL INSTALLATION, AND MANY HAVE OPERATED WITHOUT PROBLEM FOR YEARS. THE REPLACEMENT POT IS SEALED AND LESS SUSCEPTIBLE TO CONTAMINATION. MKW WILL NOTIFY ALL CUSTOMERS WITH NEI VOLTAGE REGULATORS ABOUT THIS PROBLEM.	96290	OTH
03/10/95	H-95-0073	03/22/95	MKW POWER SYSTEMS, IN	WANG E.	MKW POWER SYSTEMS RECEIVED NOTIFICATION ON 2/27/95 FROM C&D CHARTER POWER SUSTEMS ABOUT A 10CFR21 REPORTED MECHANICAL DEFECT IN THE LATCHING MECHANISM OF POTTER & BRUMFIELD #R10-E3286-2 RELAYS (C&D #JR-461-E).	95058	OTH
05/29/96	30475	05/30/96	MKW POWER SYSTEMS/PEE	WANG E.	PART 21 LOG #96292- MKW REPORTS A PROBLEM WITH VOLTAGE ADJUST POTENTIOMETER ON PEEBLES VOLTAGE REGULATOR DUE TO FOREIGN MATERIAL.	96292	
05/29/96	30322		MSD INC./STRUTHERS-DU	HODGE V.	PART 21 LOG #96370 - MSD INC. REPORTS THAT A QUANTITY OF STRUTHERS-DUNN TYPE 236ABX135NE TIME DELAY RELAYS BUILT IN 1983 COTAIN 39 GEUGE COILS VICE 43 GAUGE COILS. ONE FAILURE TO DATE DUE TO OVERHEATING. NINE RELAYS FOUND, ALL AT PLANT HATCH. ALL ARE DATE CODED 8335.	96370	
05/29/96	0		MSD INC./STRUTHERS-DU	HODGE V.	PART 21 LOG #96371 - MSD INC. REPORTS THAT A QUANTITY OF STRUTHERS-DUNN TYPE 236ABX135NE TIME DELAY RELAYS BUILT IN 1983 COTAIN 39 GEUGE COILS VICE 43 GAUGE COILS. ONE FAILURE TO DATE DUE TO OVERHEATING. NINE RELAYS FOUND, ALL AT PLANT HATCH. ALL ARE DATE CODED 8335.	96371	
02/01/95	28285	02/06/95	MULTIPLE	DENNIG R.	COOPER, LASALLE, DRESDEN AND QUAD CITIES (TO DATE) HAVE FOUND THAT CONTRARY TO COMMITMENTS AND FSAR THE TIP BALL VALVES WILL REOPEN WITHOUT DELIBERATE ACTION IF 1. THEY RECEIVE AN ISOLATION SIGNAL TO CLOSE, 2. THE SIGNAL IS PRESENT, AND 3. THE VALVES WERE IN THE OPEN POSITION PRIOR TO THE ISOLATION SIGNAL.	95030	
02/22/95	H-95-0059	02/22/95	MULTIPLE	DENNIG R.	COOPER BESSEMER PROVIDES ADDITIONAL INFORMATION ON PREVIOUS REPORT RE MASTER POWER CONNECTING RODS.	95048	

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12/30/96	9512290269		MULTIPLE	GREENE T.	WESTINGHOUSE, SARGENT & LUNDY, AND COMMONWEALTH EDISON ANALYSIS ASSUMPTIONS WRONG FOR REACTOR WATER STORAGE TANKS.	96140	
12/05/95	0	12/07/95	N/A	DENNIG R.	PART 21 LOG #95-222: CORRESPONDENCE IS NOT A PART 21 ALTHOUGH INDICATED AS SUCH BY RIDS. ITEM RESPONDS TO A REQUEST FOR COMMENTS ON A PROPOSED IN ON ASCO SOLENOID VALVES. NO ACTION REQUIRED.	95222	
08/16/96	30837	09/19/96	NAK ENGINEERING/BRUNS	TAPPERT J.	PART 21 LOG #96710 - NAK ENGINEERING REPORTS A PROBLEM WITH NORDBERG MODEL FS1316HSC D/G AFFECTING FUEL LINE ASSEMBLY SUPPLIED TO BRUNSWICK AND MCGUIRE. INADEQUATE CRIMPING OF FERRULE SLEEVE.	96710	
01/31/95	28304	02/01/95	NINE MILE POINT 2	CARTER J.	UE WAS DECLARED DUE TO INOPERABILITY OF DIV 1 AND DIV 2 DIESELS. DIV 1 DIESEL WAS UNDERGOING CORRECTIVE MAINTENANCE DUE TO GOVERNOR OVERHEATING AND CONTROL PROBLEMS. WHEN THE OTHER DIESEL WAS STARTED AS PART OF THE TROUBLESHOOTING EFFORT (FOR COMPARISON PURPOSES) IT WOULDN'T TRIP ON NORMAL TRIP SIGNAL. THIS MADE THE DIV 2 DIESEL TECHNICALLY INOPERABLE BUT AVAILABLE.	95039	EOI
02/22/95	1-95-0020	02/22/95	NINE MILE POINT 1	DENNIG R.	THE PLANT COMMENCED A NORMAL PLANT SHUTDOWN AFTER DISCOVERING THAT 3 OF 8 AGASTAT RELAYS IN POWER SUPPLIES FOR THE ANALOG TRIP SYSTEM WERE NOT FUNCTIONING. THESE RELAYS PROVIDE ANNUNCIATION UPON POWER SUPPLY FAILURE. THESE RELAYS ARE NORMALLY ENERGIZED AND WERE INSTALLED CIRCA 1980 (24 VDC RELAYS MODEL FGPBC750). LICENSEE STATES THAT AGING AND CABINET TEMPERATURE WERE LIKELY CAUSES OF FAILURE.	95046	
03/04/96	9510310412		NUCLEAR CONTAINERS	NMSS	TRANSPORTATION OVERPACK DEFECTS MODEL UX-30.	95223	NMS
12/04/96	9603130277	01/15/97	NUCLETRON-OLDELT	NMSS	MEDICAL TREATMENT CPU BOARD.	96330	
02/15/96	9601300209	05/20/96	NUMERICAL APPLICATION	WANG E.	PT21 #96-210 NUMERICAL APPLICATIONS REPORTS A PROBLEM WITH VERSIONS OF GOTHIC AND FATHOMS CODES WHICH ARE USED FOR CONTAINMENT AND GENERAL THERMAL HYDRAULIC ANALYSIS.	96210	
01/26/95	H-95-0018	01/31/95	NUTHERM INTERNATIONAL	GOODWIN E.	FAILURES OF CAPACITORS IN NUTHERM INVERTERS	95013	

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02/22/95	H-95-0055		NUTHERM INTERNATIONAL	FIELDS N.	Potential failure of NUTHERM capacitors	95045	OTH
01/23/95	H-95-0011	05/18/95	OCONEE 2	CAMPBELL N.	DUKE POWER/OCONEE 2 REPORTS LEAKAGE OF WATER FROM AUTO INITIATION PRESSURE SWITCH FOR EMERGENCY FW PUMP. SWITCH IS CUSTOM CONTROL SENSOR MODEL #604G25. CONTACTS SHORTED OUT AND PREVENTED PUMP OPERATION. ALL SWITCHES TO BE IDENTIFIED AND REPLACED.	95008	OTH
01/30/95	H-95-0040	11/18/96	OCONEE 1	KOSHY T.	STATIC-O-RING PRESSURE SWITCHES PERFORMING OUTSIDE THE EXPECTED ACCURACY.	95031	EOI
12/04/96	9512180157	01/15/97	OMNITRON	NMSS	OMNITRON AFTERLOADER SOFTWARE	96090	NMS
01/18/95	4-94-0116	05/31/95	PALO VERDE 2	TAPPERT J.	AT&T BATTERIES SHOWING A DECLINE IN CAPACITY WITHIN THE FIRST TWO FUEL CYCLES.	95083	EOI
02/28/95	H-95-0072	06/07/95	PEAK TECHNICAL SERVIC	FIELDS N.	This item is followed up under the report submitted from salem 28330. Information Notices and continuing follow ups will be tracked under 28330. This follow up item is only to address the response to Peak Technical Services.	95056	OTH
01/26/95	H-95-0026	03/07/95	PILGRIM 1	FIELDS N.	WRONG TYPE AK50 CIRCUIT BREAKERS SUPPLIED	95021	OTH
08/07/95	29096	08/15/95	POTTER & BRUMFIELD	HUNEMULLER N.	PART 21 LOG #95173 - 50.72 VERSION OF PREVIOUS REPORT ON DAMAGE TO CONTACT ARMS IN A SPECIFIC LOT OF MODEL 5095 MOTOR DRIVEN RELAYS. REPORT FROM SAN ONOFRE WHERE RELAYS WERE INSTALLED IN VARIOUS APPLICATIONS.	95173	GEN
08/07/95	0	08/15/95	POTTER & BRUMFIELD	HUNEMULLER N.	PART 21 LOG #95174 - FAX FROM SAN ONOFRE RE: PREVIOUS REPORT ON DAMAGE TO CONTACT ARMS IN A SPECIFIC LOT OF MODEL 5095 MOTOR DRIVEN RELAYS. REPORT FROM SAN ONOFRE WHERE RELAYS WERE INSTALLED IN VARIOUS APPLICATIONS.	95174	
07/18/95	29096	07/26/95	POTTER BRUMFIELD	HUNEMULLER N.	PART 21 LOG #95155 - POTTER & BRUMFIELD ADVISES THE NRC OF LETTERS SENT TO CUSTOMERS RE: POSSIBLE INTERNAL DAMAGE TO MOVABLE ARMS AND REDUCED LIFE ON MDR RELAYS. THE ORIGIN OF THE PROBLEM AND THE NATURE OF THE DEFECT ARE NOT PROVIDED.	95155	GEN
01/23/95	H-95-0010	01/23/95	PRAIRIE ISLAND 1,2	BENEDICT R.	CRANE VALVE FAILURE	95007	

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ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
08/08/96	30774		QUANEX/COMS POWER SUP	PETRONE C.	PART 21 LOG #96650 - EN #30774 NOTIFIES THAT ONE LENGTH OF PIPE IN AN ORDER TO CONSOLIDATED POWER SUPPLY FROM QUANEX WAS NOT AS SPECIFIED, I.E. WAS A335 P22 VICE SA-106 GRADE B. PART 21 LOG #96651 - LETTER FROM CONSOLIDATED POWER SUPPLY TO QUANEX REPORTING ON STATUS OF INVESTIGATION OF POSSIBLE PROBLEM WITH PIPE SUPPLIED BY QUANEX. (ACCESSION #9607240138)	96650	
10/13/94	27892	12/21/94	RIVER BEND 1	HUNEMULLER N.	CONTROL ROD INSERTION LINES WERE FOUND LEAKING DURING COLD SHUTDOWN INSPECTION. ONE LINE HAD A THROUGH WALL CRACK, ONE OTHER HAD A THROUGH WALL INDICATION, AND FOUR OTHERS HAD LINEAR INDICATIONS.	95012	EOI
02/01/95	H-95-0042	02/01/95	RIVER BEND 1	GOODWIN E.	NOISE IN ROSEMOUNT MODEL 1152 TRANSMITTERS.	95033	
03/24/95	9412200148	05/04/95	RIVER BEND 1	KOSHY T.	Binding of turbine governor valve during an emergency demand.	95033	
02/27/96	9512050272		RONAN	NMSS		96030	NMS
05/16/95	9503220185	05/18/95	ROSEMOUNT	KOSHY T.	Hydrogen permeation through Monel alloy 400 incorrectly used as isolating diaphragm.	95088	
08/08/95	28993	04/16/96	ROSEMOUNT	SKEEN D.	PART 21 LOG #95150 - The licensee reported that the Rosemount model 1154SH9 pressure transmitters exhibited a zero shift between 6 and 15 psig while the expected shift was 5.8psig. for a temperature change from shutdown to normal operations. The problem was also reported in a faxed letter referenced in the "other report" above.	95150	EOI
08/07/95	9507200385	08/22/95	ROSEMOUNT	SKEEN D.	PART 21 LOG #95171, ISSUE v95025 - ROSEMOUNT INDICATED INCORRECT O-RING IN LATEST REVISION TO MANUAL 4235 FOR MODEL 1152 NUCLEAR QUALIFIED TRANSMITTERS DATED OCTOBER 1992. IN PARTICULAR, RING SPECIFIED FOR MODEL 1152HP WAS NOT OF PROPER HARDNESS FOR HIGH PRESSURE APPLICATIONS. MANUAL IS BEING REVISED, CUSTOMERS NOTIFIED. IMPACT OF USING SOFTER RING CANNOT BE ASSESSED BY ROSEMOUNT SINCE PRECISE APPLICATIONS NOT KNOWN.	95171	GEN

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08/15/95	0	08/16/95	ROSEMOUNT	KOSHY T.	This document addresses Rosemount model 1154SH9 with excessive drift from temperature variation. This problem is being followed up under 95150 and EN 28993. This is a hard copy of the previously FAXed information.	95154	OTH
12/06/95	0		ROSEMOUNT	SKEEN D.	PART 21 LOG #95-227: ROSEMOUNT REPORTS A POTENTIAL INTERACTION BETWEEN DC-704 FILL FLUID AND RANDO HD-46 MACHINE FLUID RESIDUE LOCATED ON THE REMOTE SEAL HOUSING OF THE MODEL 1159 REMOTE SEAL SYSTEM. NO NUCLEAR FAILURES, ONE COMMERCIAL NON-NUCLEAR FAILURE.	95227	
12/06/95	0	12/12/95	ROSEMOUNT	SKEEN D.	PART 21 LOG #95-224: ROSEMOUNT REPORTS THAT PROBLEM WITH MANUAL CITING THE WRONG REPLACEMENT PART FOR MODEL 1152HP PROCESS O-RING APPLIES TO ANOTHER EARLIER MANUAL. FIX IS THE SAME AS DISCUSSED IN PART 21 LOG #95-171, PREVIOUSLY CLOSED OUT IN ETS DATED 8/7/95. NO ADDITIONAL ACTION NEEDED.	95224	
01/29/96	0	04/17/96	ROSEMOUNT	SKEEN D.	MODEL 1154SH9 TRANSMITTER DOES NOT MEET PUBLISHED SPECIFICATIONS FOR AMBIENT TEMPERATURE EFFECT FOR CERTAIN CALIBRATED RANGES. (MODEL 1154 IS THE SUBJECT OF OTHER PART 21 NOTIFICATIONS FOR VARIOUS PROBLEMS - 95073, 95088, 95150, 95154, AND 95227.)	96080	EOI
06/27/95	9507030139	06/27/95	ROSEMOUNT	SKEEN D.		95151	
05/13/96	9511020336	05/13/96	ROSEMOUNT	SKEEN D.	PART 21 95-215: ROSEMOUNT REPORTS THAT PROBLEM WITH MANUAL CITING THE WRONG REPLACEMENT PART FOR MODEL 1152HP PROCESS O-RING APPLIES TO ANOTHER EARLIER MANUAL. FIX IS THE SAME AS DISCUSSED IN PART 21 LOG #95-171. NO ADDITIONAL ACTION NEEDED.	95215	
11/16/94	28031	04/20/95	ROSEMOUNT NUCLEAR INS	SKEEN D.	ROSEMOUNT REPORT VIA PART 21 THAT CERTAIN MODELS OF PRESSURE TRANSMITTERS WERE SUBJECT TO ZERO SHIFT AS A RESULT OF THE TESTING METHOD.	94287	OTH
11/12/96	9610010294		ROSEMOUNT NUCLEAR INS	KOTZALAS M.	PART 21 #96580 - ROSEMOUNT NOTIFIES THAT SEVERAL MODEL 353C CONDUIT SEALS CONTAINED A SHORTED CONDITION THAT WAS NOT DETECTED BY TESTING AT THE FACTORY. IT WAS CAUGHT BE FUNCTIONAL TESTING AT THE CUSTOMER PRIOR TO USE. USERS OF 353C AND 353C1 MODELS HAVE BEEN NOTIFIED.	96580	

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08/15/95	0	08/22/95	ROTO	MCKENNA E.	94068 SOUTHERN CALIFORNIA EDISON PROVIDES ROOT CAUSE ANALYSIS REPORT FOR FAILURE OF ROTO TEST SWITCH BOLTS. FAILURE ATTRIB TO USE OF EXTRA HARD TYPE BRASS WHICH IS EXTREMELY BRITTLE. PROB ISOLATED TO ONE LOT. SEE LOG #93470/93451/93445/94209.	94068	OTH
04/15/96	27467	04/16/96	SACM DIESEL, INC.	DENNIG R.	PART 21 LOG #96260 - WARTSILA DIESEL REPORTS THAT SACM DIESEL PARTS AND COMPONENTS HAVE BEEN SOLD TO WARTSILA SACM DIESEL (FRANCE). OTHER ADMINISTRATIVE INFO IS PROVIDED.	96260	
03/01/95	9503220185	06/16/95	SAINT LUCIE 1,2	KIRKPATRICK D.	A resident Inspector informed about a potential generic problem with the Rosemount Transmitters. The problem was identified as gasing in the oil between the capacitor plates. Received Rosemount letter dated 3/21/95.	95073	E01
08/29/96	9608220045	12/06/96	SAINT LUCIE 1,2	CARTER J.	23 OF 30 2" ANCHOR DARLING CHECK VALVES WERE FOUND TO HAVE A DEFECT THAT COULD CAUSE THEM TO STICK OPEN. VALVE CASTING VOIDS CAN CAUSE PISTON TO BE COCKED.	96730	OTH
02/03/95	28330	04/18/95	SALEM 1,2	FIELDS N.	Error in fuse location of SSPS leads to situation where electrical short of a non-safety grade circuit could disable auto actuation of safety injection. Steam line break is potential initiator.	95042	SIG
02/13/95	H-95-0053		SALEM 1	KOSHY T.	OUTPUT RELAY TEST SWITCH LOCATED ON THE SAFEGUARDS EQUIPMENT CABINET BECAME STUCK DURING SURVEILLANCE TESTING. EXERCISING APPEARS TO HAVE SOLVED THE PROBLEM. THE AUTO TEST REVEALS THE PROBLEM.	95043	OTH
02/01/95	9503090138	02/01/95	SALEM 1,2	FIELDS N.		95132	
07/10/96	9508100226	10/03/96	SALEM 1,2	KOTZALAS M.	PART 21 LOG #96480 - SALEM REPORTS A DEFECT IN A EDWARDS VALVE MODEL 838YT CHECK VALVE. NEW VALVE HAD LESS THAN 20% CONTACT BETWEEN DISK AND SEAT. FINAL REPORT DUE 9/29/95	96480	

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09/09/96	30850		SALEM 2	GREENE T.	Pt21 LogNo: 96740 NEW ISSUE. A NUS Model OCA801 electronic isolation module that is used in the reactor protection system was found to have unsoldered connections.	96740	
12/31/96	9609100105		SALEM 2	HODGE V.	A TERMINAL BLOCK SCREW FELL OUT ON PRE-INSTALLATION TESTING OF A 125 V DC BATTERY CHARGER. SUBSEQUENT INSPECTIONS OF OTHER NEWLY INSTALLED BATTERY CHARGERS AT UNIT 2 REVEALED NUMEROUS DISCREPANCIES, PROMPTING THE LICENSEE TO DECLARE THEM INOPERABLE BECAUSE OF SEISMIC QUALIFICATION CONCERNS. UNIT 1 WAS NOT AFFECTED (LER 50-311/96-08)	96880	
12/04/96	9608300075		SALEM 1,2	SKEEN D.	THIS IS A NEW P21 NUMBER BUT IS PROBABLY RELATED TO SKEEN'S ASSIGNMENT FOR EN 30758. THE LICENSEE CLAIMS THIS IS AN INTERIM REPORT RELATED TO A JUNE 25, 1996 IDENTIFICATION BU EN 30758 IS DATED JULY 17, 1996. THE ONLY OTHER 50.72 THAT MIGHT BEAR ON THIS TOPIC IS EN 30688, DATED JUNE 27, 1996, BUT IT DOES NOT MENTION PROP CHIPS.	96570	
02/14/96	0	03/27/96	SAN ONOFRE 3	BIRMINGHAM J.	AT SAN ONOFRE, CRACKS WERE FOUND IN ELECTRICAL CONTACT FINGERS OF ABB 4KV BREAKER TO COMPONENT COOLING WATER PUMP 3P026. NRC WAS NOTIFIED AND NOTIFICATION WAS ASSIGNED PT21-96130.	96130	
09/22/94	27973	07/14/95	SEABROOK 1	BENNER E.	SAFETY SIGNIFICANCE OF DISABLING EMERGENCY SERVICE WATER PUMP FOR BOLT REPLACEMENT.	95084	OTH
03/24/95	26803	03/27/95	SEABROOK 1	DENNIG R.	DOCUMENT IS LER 443/94-003 FROM SEABROOK WHICH DISCUSSES MSSV SETPOINT ISSUE STEMMING FROM WESTINGHOUSE MSAL 94-01.	95066	
01/12/95	28206	01/12/95	SEQUOYAH 1,2	KOSHY T.	NUMEROUS BREAKERS FOUND UNLATCHED. POTENTIAL FOR LACK OF CONTROL ON SI VALVES.	95003	OTH
02/27/96	9511080110		SHEPHERD	NMSS		96020	NMS
01/02/97	0		SHOREHAM/VELAN VALVE	HODGE V.	SHORHAM REPORTS A DIFFICULTY WITH QA DOCUMENTATION FOR EQUIPMENT MANUFACTURED BY VELAN VALVE.	96810	

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03/24/95	H-95-0084		SIEMENS	FIELDS W.	Moulded case breakers manufactured by Siemens causing premature failure identified as failure to close after trip or opening. Information received from Farwell & Hendricks Inc.	95059	
05/16/95	9503100009	05/18/95	SIEMENS	KOSHY T.	Molded case circuit breakers that have reclosing problems.	95086	
08/12/96	0	10/29/96	SIEMENS	KOENICK S.	Analysis code deficiencies identified in services offered by Siemens. Longterm follow up based on potential concerns. PMS sending letters to 6 licensees as it affected 50.46 analysis.	96790	GEN
05/15/95	4-95-0039	07/06/95	SOUTH TEXAS 1	KOENICK S.	Excessive tin smear on stand by Cooper Bessemer diesel generators. Five pistons rejected on one EDG and one piston rejected on another EDG. Verify if the vendoe actions are sufficient.	95077	OTH
08/14/95	0	08/18/95	SUMMER 1	HUNEMULLER N.	<p>The short name for this issue is eccs ctrl. The description of the lead Part 21 report given in the old TQM dBase file is:</p> <p>94315 F - SOUTH CAROLINA E&G/SUMMER REPORTS FAILURE OF 27N DEGRADED VOLTAGE RELAY DUE TO FAILURE OF SUBCOMPONENT TIMER IC-U5. RELAY CONTACTS 10 & 11 DID NOT CORRECTLY CHANGE STATE. MANUFACTURER PERFORMING FAILURE ANALYSIS. SEE LOG #95061.</p> <p>Additional related Part 21 reports are described in the closeout section below.</p>	94315	
01/13/97	31570		SUMMER	SKEEN D.	Sulfur-induced corrosion of #40 AWG copper strain gage lead wires and the beryllium-copper link clip in Model 753 gage pressure electronic transmitters.	97010	
02/29/96	28561		SYNCOR	NMSS	Syncor fume hood	95167	NMS

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11/03/95	0	11/08/95	TELEDYNE BROWN ENGINE	DENNIG R.	PART 21 LOG #95189 - TELEDYNE BROWN RECEIVED A REPORT OF OPERATIONAL PROBLEMS WHEN TESTING TWO MODEL 225 CMA-X CONTAINMENT MONITORING SYSTEMS AT NINE MILE PT 1. RELAY TBE/A1 P/N R919 WAS FAILING WHEN SYSTEM WAS IN OPERATION AND ENCLOSURE DOOR WAS OPEN AND AMBIENT TEMP WAS NEAR SET POINT OF A THERMOSWITCH ASSOCIATED WITH THE RELAY. TELEDYNE DETERMINED THAT THE VIBRATION OF OPERATION PLUS OPERATION NEAR THE SET POINT WAS RESPONSIBLE FOR THE CHATTER THAT WAS HIGH-CYCLING THE RELAY AND CAUSING FAILURE. A FIX WAS DETERMINED AND CUSTOMERS (BOTH PWR AND BWR) HAVE BEEN NOTIFIED. FAILURE WOULD HAVE RESULTED IN LOSS OF POST-ACCIDENT ATMOSPHERE MONITORING CAPABILITY. VENDOR ACTIONS ARE SUFFICIENT.	95189	
04/09/96	H-95-0022		TENNESSEE VALLEY AUTH	HODGE V.	TENNESSEE VALLEY AUTHORITY/WATTS BAR 1/2 REPORTS EQ FAILURE OF CATEGORY C (NOT REQD FOR LOCA) ELECTRICAL DEVICES MAY RESULT IN FAILURE OF CATEGORY A & B DEVICES. APPROP DESIGN CHANGES MADE.	95017	
04/08/96	H-95-0019		TENNESSEE VALLEY AUTH	HODGE V.	TENNESSEE VALLEY AUTHORITY/SEQUOYAH 1/2 PROVIDES FURTHER INFO REGARDING UNLATCHED MCCBs FOUND IN CABINETS. CONCERN IS BREAKERS MAY BECOME INOP DURING SEISMIC EVENT. HOWEVER, ADDL EVAL BY LICENSEE INDICATE NO PROB DUE TO CLOSE CABINET DOORS. SEE LOG #95-003.	95014	
07/10/96	9605210523	07/19/96	THOMAS & BETTS	DENNIG R.	PART 21 LOG #96490 - VENDOR REPORTS THAT WHILE NO FAILURES HAVE BEEN REPORTED, AGASTAT ETR "A" TIME RANGE RELAYS SHIPPED BETWEEN 8/14/95 AND 4/1/96 WERE NOT TESTED CONTINUOUSLY ENERGIZED AND CONTAIN A CAPACITOR THAT MAY FAIL UNDER ABNORMAL TEMPERATURE CONDITIONS, I.E., ABOVE 156 DEGREES F IF CONTINUOUSLY ENERGIZED. ALL AFFECTED CUSTOMERS HAVE BEEN NOTIFIED.	96490	
12/04/96	9605070309		TROJAN		ELECTRICAL SPLICES IN ELECTRICAL PENETRATION ASSEMBLIES.	96430	
02/29/96	9505100118		TROXLER	NMSS	Troxler gauge weld	95127	NMS

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06/21/95	28721	07/06/95	TSI INC.	SKEEN D.	TSI INC. MANUFACTURES A LINE OF INSTRUMENTS FOR MEASURING AIR FLOW. FOR CERTAIN MODELS THEY NOTED THEY HAD MADE CALIBRATION ERRORS OF 0 TO -2.5% THUS, AN INSTRUMENT READING OF 1000 FPM WOULD CORRESPOND TO AN ACTUAL FLOW OF 1020 FPM. AS LONG AS THE LIMIT OF INTEREST IS A MINIMUM FLOW, THE ERROR WILL BE IN THE CONSERVATIVE DIRECTION. IF USED FOR MEASURING LEAKAGE FLOW, THE ERROR WOULD BE NONCONSERVATIVE.	95120	OTH
04/25/95	9505300147	04/25/95	TSI INC.	SKEEN D.		95121	
08/16/96	30845		TSI INC.	SKEEN D.	PART 21 LOG #96720 - TSI REPORTS THAT CERTAIN MODELS OF INSTRUMENTS ARE IMPACTED BY CONTAMINATED PRINTED CIRCUIT BOARDS. IMPACT OF DEFECT CAN VARY, BUT IS MOST PRONOUNCED AT ELEVATED TEMPERATURES AND HUMIDITY.	96720	
11/07/94	27980	12/20/94	TURKEY POINT 3,4	KOSHY T.	Defect in sequencer software led to situation where EDG was inoperable while sequencer was in certain self-test modes for periods of time over a year.	95105	SIG
04/25/95	27980	05/11/95	TURKEY POINT 3	KOSHY T.	Self test feature of the Emergency load sequencer disabling ECCS in certain sequencer modes.	95106	GEN
02/23/95	1-95-0027	02/27/95	VERMONT YANKEE 1	CAMPBELL W.	VERMONT YANKEE DISCOVERED A SPIRAL METAL FLAKE INSIDE AN UNIRRADIATED FUEL ASSEMBLY RECEIVED FROM GE.	95054	
04/13/95	9503020105	04/14/95	VICTOREEN	DENNIG R.	THIS IS A NOTIFICATION FROM VICTOREEN THAT THEY WERE SUPPLIED "NOISY" CIRCUIT BOARDS BY WESTRONICS. VICTOREEN WAS NOTIFIED BY WESTRONICS AS NOTED IN RELATED PART 21 LOG #95036 (CLOSED UNDER EN #28306). VICTOREEN STATES THAT CIRCUIT BOARDS WERE ONLY USED IN CHART RECORDERS SENT TO KOREA.	95090	
12/31/96	9611140064		VOGTLE 1,2	GREENE T.	A FAILED SNUBBER BECAUSE OF A CRACKED INNER THRUST BEARING WOULD PROTECT ATTACHED PIPING BUT WOULD NOT RESET TO THE COLD POSITION. THUS THE PIPING WOULD BE STRESSED ON PLANT SHUTDOWN.	96870	
02/03/95	H-95-0046	02/17/95	WATTS BAR 1	KOENICK S.	CHECK VALVES USED IN VERTICAL POSITION WOULD NOT CLOSE ON REVERSE FLOW BECAUSE THEY LACK NECESSARY INTERNAL MODIFICATION.	95037	OTH

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04/13/95	0	05/25/95	WATTS BAR 1	KOENICK S.	TVA identified various types of conduit deficiencies which include the following: loose flex conduits, no conduit ID, minimum bend radius violations, inadequate support for marinite board, various support deficiencies, and separation violations.	95141	OTH
07/12/95	0	07/19/95	WATTS BAR 1,2	KOSHY T.	Contractors not fully adhering to the corrective action program for evaluating and reporting significant deficiencies. This problem was previously addressed in v95014.	95140	OTH
07/12/95	0	07/19/95	WATTS BAR 1,2	KOSHY T.	52 of the 65 incore thermo couples failed an insulation resistance test after hot functional.	95142	OTH
05/20/96	0	06/03/96	WATTS BAR 1	DENNIG R.	PART 21 LOG #95209 - LICENSEE REPORTS VIBRATION PROBLEM IN AUX FEEDWATER SYSTEM DISCOVERED DURING HOT FUNCTIONAL TESTING.	95209	
05/13/96	31366		WATTS BAR 1,2	DENNIG R.	POTENTIAL DEFICIENCIES IN UNINSPECTED VENDOR-WIRED SAFETY-RELATED ELECTRICAL PANELS.	95190	
12/11/92	24726	07/15/93	WESTINGHOUSE	BENEDICT R.	POTENTIAL INADEQUATE CORE COOLING FLOW CONDITION AS A RESULT OF ISOLATION OF THE RESIDUAL HEAT REMOVAL/LOW HEAD SAFETY INJECTION SYSTEM PUMPS FROM THE REACTOR COOLANT SYSTEM WHEN ATTEMPTING TO ALIGN THEM TO THE RCS HOT LEGS.	92269	
01/12/95	H-95-0001	04/07/95	WESTINGHOUSE	WEN P.	PRESSURE REDUCING SLEEVE LOCKNUTS INSTALLED IN SI PUMPS COULD BE INFERIOR QUALITY. (PART 21 REPORT FROM WESTINGHOUSE).	95001	
02/22/95	28412	04/05/95	WESTINGHOUSE	WEN P.	Pressure reducing sleeve lock nut problem that could affect the performance of SI pumps at various plants.	95053	GEN

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07/20/95	9411280210	09/10/96	WESTINGHOUSE	HODGE V.	<p>The safety significance of this problem is the potential decrease in analyzed safety margin against unstable crack growth in a reactor coolant system loop. The maintenance of the safety margin is needed to justify the removal of pipe whip restraint.</p> <p>To avert interference with crossover leg piping, the support designer at a nuclear power plant arranged for the base of the front inside support column for a reactor coolant pump to be placed 6-12 inches closer to the reactor pressure vessel than in the original design. Westinghouse determined that the resulting 2-5 degree tilt in the column decreased the vertical stiffness by a small amount. More significantly, however, Westinghouse determined that it might degrade the thermal expansion and loop loadings of the system. Westinghouse identified the affected plants: Callaway, Seabrook, Watts Bar 1, 2, Comanche Peak 1, 2, Sequoyah 1, 2, Wolf Creek, Farley 1, 2, Summer, Vogtle 1, 2, Harris</p>	95016	GEN
09/09/96	9608120142	09/10/96	WESTINGHOUSE	DENNIG R.	<p>Pt21 LogNo: 96670</p> <p>This Westinghouse Nuclear Advisory Service Letter (NASL) concerns containment fan cooler unit operation during a design basis accident. Westinghouse notes that this problem is being reviewed as a Part 21 report and that NRC received a licensee event report (LER) under docket number 50-275 (Diablo Canyon Unit 1) on this problem. The reference LER discusses this problem. Events Tracking System (ETS) assignment (John Tappert) was opened on 072396 on a similar problem at Haddam Neck (Event Notification (EN) 30772, dated 072296). The Events Assessment Panel directed issuance of an information notice (IN), closing the ETS assignment on 073096. A GENERIC LETTER HAS BEEN AUTHORIZED UNDER TAC #M96276. NO FURTHER ACTION NEEDED.</p>	96670	OTH
06/05/96	0		WESTINGHOUSE/SUMMER	BENEDICT R.	<p>PART 21 LOG #96440 - EN FROM SUMMER STATING THAT WELDS ORIGINALLY SPECIFIED AND PERFORMED BY WESTINGHOUSE ON COMPONENT COOLING WATER NOZZLES FOR RCP SEAL INJECTION LINES ARE DEFECTIVE.</p>	96440	TBD

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06/05/96	0		WESTINGHOUSE/SUMNER	BENEDICT R.	PART 21 LOG #96441 - ENGINEER'S TECHNICAL WORK RECORD (WESTINGHOUSE?) PROVIDING CAUSE AND CORRECTIVE ACTION FOR CONDITION IN EN #30507 STATING THAT WELDS ORIGINALLY SPECIFIED AND PERFORMED BY WESTINGHOUSE ON COMPONENT COOLING WATER NOZZLES FOR RCP SEAL INJECTION LINES ARE DEFECTIVE.	96441	TBD
02/03/95	28306	02/06/95	WESTRONICS	DENNIG R.	WESTRONICS DISCOVERED THAT THE POSSIBILITY EXISTS THAT NONCONFORMING DIODES SUPPLIED AS SPARE PARTS MAY HAVE BEEN USED IN SIGNAL INPUT BOARDS FOR CHART RECORDERS. POTENTIALLY AFFECTED ARE: RIVER BEND, TURKEY POINT, FITZPATRICK, TAIWAN POWER CO. AND VICTOREEN (WHICH PRESUMABLY COULD HAVE INCORPORATED IN OTHER EQUIPMENT). ALL HAVE BEEN NOTIFIED. THE AFFECT OF USING THE NONCONFORMING DIODES WOULD BE NOISY OPERATION AND CALIBRATION DRIFT.	95036	
04/22/96	0	04/26/96	WESTRONICS	DENNIG R.	PART 21 LOG #96321 - WESTRONICS REPORTS DISCOVERY OF FIRMWARE BUG ASSOCIATED WITH SPECIFIC FACTORY SUPPLIED CONFIGURATIONS OF SERIES 3000C AND 3200C CHART RECORDERS. MANUFACTURER DETERMINED THAT ONLY SOUTHERN CALIFORNIA EDISON (SAN ONOFRE) HAD THE AFFECTED COMPONENTS, AND THEY WERE NOTIFIED. NO FURTHER ACTION. PART 21 LOG #96320 IS 50.72 FROM WESTRONICS WITH SAME INFO.	96321	
04/22/96	30153	04/26/96	WESTRONICS	DENNIG R.	PART 21 LOG #96320 - WESTRONICS REPORTS DISCOVERY OF FIRMWARE BUG ASSOCIATED WITH SPECIFIC FACTORY SUPPLIED CONFIGURATIONS OF SERIES 3000C AND 3200C CHART RECORDERS. MANUFACTURER DETERMINED THAT ONLY SOUTHERN CALIFORNIA EDISON (SAN ONOFRE) HAD THE AFFECTED COMPONENTS, AND THEY WERE NOTIFIED.	96320	
05/03/96	30395	07/23/96	WM BEAUMONT HOSP.	IMOB	BRASS RING IN VIAL SHIELD CAME LOOSE, SPILLING 60 mCi Tc-99.	96410	NMS
03/15/95	4-95-0030	04/11/95	WOLF CREEK 1	KOENICK S.	Estimated core criticality was off through 1000pcm.	95065	OTH
08/05/96	30579	08/05/96	WOLF CREEK 1	CARTER J.	PART 21 #96-066	96066	

PART 21 FOLLOW-UP ASSIGNMENTS

SORT> Plant Name
 QUERY>

ASSIGNMENT DATE	REPORT	CLOSING DATE	VENDOR	ASSIGNED TO	SUBJECT (Event Description)	PART21 NUMBER	EVENT TYPE
07/05/95	28853	08/14/95	WYLE LAB	BIRMINGHAM J.	PART 21 LOG #95-137. NINE MILE POINT SUBMITS A PART 21 INDICATING THAT THEY HAD RELIED ON A WYLE LAB REPORT ON SERVICE LIFE FOR AGASTAT GP RELAYS. REPORT STATED TO BE NONCONSERVATIVE. RELATED TO PART 21 95046, MR1-95-0020. THIS PART 21 PROVIDES LICENSEE'S ASSESSMENT OF REASON FOR PROBLEMS DISCUSSED IN 95046 (SEE ETS CLOSEOUT OF THIS ITEM). DETAILED REPORT IS PROVIDED UNDER PART 21 LOG #95138.	95137	OTH
07/05/95	0	07/06/95	WYLE LAB	BIRMINGHAM J.	NINE MILE POINT SUBMITS A PART 21 INDICATING THAT THEY HAD RELIED ON A WYLE LAB REPORT ON SERVICE LIFE FOR AGASTAT GP RELAYS. REPORT STATED TO BE NONCONSERVATIVE.	95138	
07/13/95	0	07/31/95	WYLE LAB	BIRMINGHAM J.	PART 21 LOG #95144 - RIDS COPY OF CORRESPONDENCE LOGGED AS PART 21 LOG #95138 ALREADY ASSIGNED UNDER EN #28853. DEFICIENCY IN WYLE LAB REPORT RE LIFE OF AGASTAT GP RELAYS.	95144	
07/20/95	9507050075	07/31/95	WYLE LAB	BIRMINGHAM J.	PART 21 LOG #95153 - HARDCOPY OF VERBAL/FAX REPORT FROM NIAGARA MOHAWK RELATED TO DEFICIENT WYLE LAB REPORT RELIED ON FOR AGASTAT RELAY LIFETIME INFO. RELATED TO PART 21 LOG #95138, 95144. CLOSEOUT IN ETS UNDER ASSIGNMENT DATED 7/5/95.	95153	