



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

June 2, 1994

MEMORANDUM FOR: Those on Attached List

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

SUBJECT: MONTHLY UPDATE OF VENDOR INSPECTION BRANCH PART 21 TRACKING
SYSTEM - MONTH OF MAY, 1994

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

It should be noted that the entries shown in the monthly update frequently represent the early/initial notification of the component defect or failure to comply in accordance with Part 21 requirements. If no closure acronym is shown, the notification remains under review and the root cause of the problem, the corrective action to repair the defect and assure nonrecurrence, and the affected licensees have not been identified at the time of report issuance. In this light, the recipients of this report should consider the notification entries to be primarily "heads up" information with action expected, in general, only upon the subsequent issuance of specific information from the vendor and/or the NRC.

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

Enclosure:
Part 21 Tracking System and Monthly Update

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Enclosure:
Part 21 Tracking System and Monthly Update

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10 CFR PART 21 TRACKING SYSTEM

VENDOR INSPECTION BRANCH
DIVISION OF REACTOR INSPECTION AND LICENSEE PERFORMANCE

LOG #	SUB	REPORT	ACCESSION	ASSIGNED	CLOS	DESCRIPTION
		AND DATE	NUMBER			OUT
		VEND				CODE
		CODE				
94126	CWE	05/02/94	9405060006	RVIB: R.FRAHM	CTBI	COMMONWEALTH EDISON/LASALLE 1/2 PROVIDES FINAL REPORT ON FAILURE OF NAMCO LIMIT SWITCHES, SERIES EA740-86700, TO FULLY RETURN TO ITS INITIAL POSITION WHEN RELEASED DUE TO EXCESS GREASE, WRONG O-RING MATL, OR WEAK TORSION SPRING. SEE LOG# 94087 ET AL.
				DUE BY: 6/6/94		
94127	B350	04/12/94	9404210037	EMEB:SCARBROUGH		BW/IP INTERNATIONAL REPORTS MAX VALVE FRICTION FACTOR FOR 6"-150# GATE VALVE (401KBB3-004) S/N 62039 TO BE 0.79 TO 0.88 RATHER THAN ACCEPTED STAN OF 0.3. VALVE ACTUATOR & MOTOR MAY BE UNDERSIZED AS A RESULT.
				DUE BY: 8/1/94		
94128	BGE	04/26/94	9405020318	RVIB:L.CAMPBELL	CTBI	BALTIMORE G&E/CALVERT CLIFFS 1 REPORTS UNDERSIZED ANTI-ROTATION KEYS WERE USED ON FOUR 6" & ONE 8" VELAN MO GLOBE VALVES KEYS SLIPPED OUT OF POSITION NEGATING THEIR FUNCTION. DWG ERROR IS CAUSE. PROPER KEYS USED TO CORR PROB. SEE LOG# 94116/94106/94143.
				DUE BY:10/5/94		
94129	C49B	04/18/94	9405020174	RVIB: G.CWALINA	VASU	COMPUTER PRODUCTS REPORTS NORMAL AND/OR THERMAL AGING PROBLEMS WITH DIGITAL & ANALOG LOOPBACK & CALIBRATION CARD (DALCAL) AFFECTS ABILITY TO SELECT EXTERNAL OUTPUT PIN OF DALCAL CARD. CUSTOMERS IDENTIFIED & INFORMED.
				DUE BY: 7/5/94		
94130	M494	04/26/94	9405100149	RVIB: K.NAIDU	VASU	MKW POWER SYSTEMS REPORTS CONTACT CHATTER OF WEST TYPE SV (#292B402AXX) RELAY, PLUNGER TYPE, DURING SEISMIC ACCEL TEST AT LESS THAN 1G. RELAY USED FOR FIELD FLASH CUT-OUT IN GEN CONT CIRCTRY OF EMD 999 & MP-45 DIESEL-GEN SETS. CUST INFORMED.
				DUE BY: 7/5/94		
94131	WPP	06/10/91	9106180024	OEAB: T.KOSHY		WASHINGTON PUBLIC POWER SUPPLY SYS/WNP-3 REPORTS CRACKING OF COIL SUPPORT INSULATORS IN CLASS IE & NON-CLASS IE DRY TYPE POWER CENTER TRANSFORMERS DUE TO EXCESS STRESS. TRANS ARE TYPE ASL, 750 TO 2666 KVA, 13.8 TO 4.19 PRIM V & 480 V SEC. SEE LOG# 94132.
				DUE BY: 5/12/94		
94132	W120	08/30/91		OEAB: T.KOSHY		WESTINGHOUSE ELEC PROVIDES ANALYSIS OF EFFECT OF HAVING CRACKED PRESS BLOCKS (CERAMIC INSULATORS) WITHIN TYPE ASL POWER CENTER TRANS DURING POTENT SEISMIC EVENT. RESULTS INDICATE NO EFFECT, BUT CRACKED PRESS BLOCKS SHOULD BE REPLACED. SEE LOG# 94131.
				DUE BY: 5/12/94		
94133	PPL	04/19/94	9404220229	RVIB:U.POTAPOVS		PENNSYLVANIA P&L/SUSQUEHANNA REPORTS CRACKS DISCOVERED IN SEVERAL 1" ASME CLASS 1 BUNC HEX BOLTS MNFD BY CARDINALE. CAUSE ATTRIB TO "QUENCH CRACKING" DURING MANUFACTURE.
				DUE BY: 7/5/94		
94134	NNE	05/05/94		HICB: B.MARCUS	CTBI	NORTHEAST NUCLEAR ENERGY/MILLSTONE 2 REPORTS EARLY FAILURES OF UNDERVOLTAGE MODULES USED IN ACCIDENT MITIG EQUIPMENT TO PROCESS U/V SIGNAL FROM 4160V BUSES TO ESAS ACTUATION CABINETS. ROOT CAUSE DETER STILL UNDERWAY BY VENDOR. SEE LOG# 94145.
				DUE BY: 7/6/94		

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94135	B455	05/06/94	9405120090	RVIB: B.ROGERS	ASEA BROWN BOVERI REPORTS FAILURE OF ABB TYPE 27N-R RELAY FROM SUSQUEHANNA DUE TO REDUCTION IN C-9 CAPACITOR CAPACITY FROM .1 mfd to .038 mfd. CRACKING OCCURRED DURING MNFTRG FROM WAVE SOLDERING PROCESS. ELEVEN LICENSEES BEING INFORMED.
				DUE BY: 7/6/94	
94136	TVA	02/22/94	9403070369	RVIB: D.BREWER	TENNESSEE VALLEY AUTH/WATTS BAR 1/2 REPORTS CLARIFICATION OF CORREC ACTIONS TAKEN REGARDING FAILED MOTOR PINION KEY & MOTOR SHAFT IN LIMITORQUE OPERATORS. SEE LOG# 93174.
	L200			DUE BY: 7/11/94	
94137	WCNO	02/02/94	9402100130	EELB: D.NGUYEN	WOLF CREEK NUCLEAR OPER CORP REPORTS SHORT CIRCUITING OF LOCAL INDICATING LAMP, TYPE 120MB, CAUSING CONTROL POWER FUSE OPENING RENDERING CHARGING PUMP ROOM COOLER TO BECOME INOP. ALSO LAMPS MAY BE SEISMICALLY UNQUAL FOR APPLICATION. SEE LOG# 94010.
	G182			DUE BY: 9/11/94	
94138	GSU	10/22/93	9310270200	SPLB: A.DUMMER	GULF STATES UTILITIES/RIVER BEND 1 REPORTS THAT EXHAUST TORNADO DAMPERS FOR SEVERAL BLDGS WOULD NOT REOPEN FOLLOW PASSAGE OF TORNADO & LOSS OF OFFSITE POWER. EDG SYSTEMS COULD BE DAMAGED.
				DUE BY:12/30/94	
94139	C635	04/07/94		EMEB: G.HAMMER	PUBLIC SERVICE E&G/SALEM 1 REPORTS REACTOR TRIP EVENT IN WHICH PRESSURIZER WAS TAKEN SOLID & RELIEVED THRU PORVs. SEVERE SCORING & GALLING WERE NOTED AS WELL AS A CRACK IN UPPER COLLAR PORTION OF THE PLUG. SIMILAR CRACKING WAS SEEN ON SPARE VALVE.
	PEG			DUE BY: 6/1/94	
94140	TVA	04/01/94	9404060138	RVIB: W.HAASS	VASU TENNESSEE VALLEY AUTH/BELLEFONT PROVIDES FINAL REPORT ON CRACKED LISU WELDS ON DIESEL TURBOCHARGERS DISCOVERED THRU DRQR CTBI INSPECTIONS.REPAIR PERFORMED PER RECOMMEND. SEE LOG# 85197/85412.
	1274			DUE BY: 7/11/94	
94141	C470	04/01/94	9404120288	RVIB: W.HAASS	VASU COLTEC INDUSTRIES REPORTS FAILURE OF TWO SUPPORT STUDS ON DISCHARGE PIPING BRACKET TO TURBOCHARGER FOR AIR INLET HOUSING. CAUSE DUE TO EXCESS TORQUE/MISALIGNMENT. UTILITIES ADVISED TO PAY ATTENTION TO RMNTS.
	NSP			DUE BY: 7/11/94	
94142	DIXS	05/10/94	9405180070	RVIB: R.FRAHM	DIXSON, INC REPORTS DEFECT IN 11-PIN CONNECTOR IN "PRO" SERIES BARGRAPH INSTR CAUSING LOSS OF FRONT-PANEL DISPLAY INFO. CONTROLLED OUTPUTS NOT AFFECTED. EQUIPMENT PROVIDED TO ANO ONLY. CONNECTOR MNFR IS SAMTEC, INC. CORREC ACTION TAKEN.
	ENOP			DUE BY: 7/11/94	
	SAMT				
94143	V085	04/25/94	0405050347	RVIB:L.CAMPBELL	VASU VELAN VALVE CORP PROVIDES INFO REGARDING USE OF INCORRECT ANTIROTATION KEY IN 6" GLOBE VALVE STEMS THAT HAVE HAD THEIR KEY SLOTS MADE DEEPER FOR INCREASED STRENGTH. ALL LICENSES WITH AFFECTED VALVES WERE NOTIFIED. SEE LOG#94128/94116/94106.
				DUE BY: 7/11/94	

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94144	CHPS 05/11/94 P297 SCE	9405160026	EELB:BERLINGER	CHARTER POWER SYSTEMS REPORTS APPARENT DEFECT IN LATCHING MECHANISM OF POTTER/BRUMFIELD "R10-E3286-2" RELAYS USED IN CLASS 1E BATTERY CHARGERS. ANALYSIS INDICATES SSH DURING SEISMIC EVENT. DUE BY: 7/12/94
94145	E059 05/10/94 NNE	9405250227	HICB: B.MARCUS	EATON CORP PROVIDES FURTHER INFO REGARDING EXCESSIVE FAILURE RATE OF INTEGRATED CIRCUIT ON 6N642 MODULE USED IN ESAS AT MILLSTONE 2. MODULES TO BE UPGRADED TO IMPROVE RELIABILITY. SEE LOG# 94134. INCLUDES 2 LETTERS SENT TO NORTHEAST U DATED 5/6/94 DUE BY: 7/6/94
94146	CWE 05/17/94 T074 P070		RVIB: D.BREWER	COMMONWEALTH EDISON/LaSALLE REPORTS FAILURE OF SEC CONT ISOLATION DAMPERS TO FULLY CLOSE DUE TO OBSTRUCTION OF PNEUMATIC CYLINDER WHICH STUCK IN MID-STROKE. CAUSE IS APPARENTLY DUE TO EXCESSIVE AMOUNT OF RUST INHIBITOR. DUE BY: 7/18/94
94147	APS 04/25/94 R098		SPLB: A.DUMMER	ARIZONA PS/PALO VERDE 1/2/3 REPORTS LACK OF PROPER FUSING OF ADHESIVE STRIP TO OUTER CASING OF A RAYCHEM SPLICE DESPITE AHERENCE TO VENDOR'S INSTRUCTIONS. HI-TEMP HEATING APPEARS TO PRODUCE PROPER SEAL. HI-HUMID/LO-HEAT RESULT IN POOR SEALING. DUE BY: 7/18/94
94148	APS 11/25/93 G080	9312090060	RVIB: K.NAIDU	LISU ARIZONA PS/PALO VERDE 2 REPORTS REACTOR TRIP DUE TO NON-CLASS IE NGTR 4.16 KV SWITCHGEAR BUS LOAD SHED DUE TO INSUFF ELEC CONTACT IN A POTENT TRANSFORMER. CORREC ACTION TAKEN. DUE BY: 7/19/94
94149	GPU 05/19/94 W170		RVIB: R.PETTIS	GENERAL PUBLIC UTILITIES/OYSTER CREEK 1 REPORTS IDENTIFICATION OF CASTING DEFECT IN MAIN HOIST MOTOR TO GEAR BOX COUPLING OF TURBINE BLDG CRANE. SIMILAR DEFECT NOTED IN REACTOR BLDG CRANE. NEW COUPLINGS FROM WHITING ALSO REJECTED DUE TO SURFACE PITTING. DUE BY: 7/25/94
94150	C684 05/16/94 FPC	9405200186	EMEB: J.NORBERG	CRANE VALVE/ALOYCO REPORTS CONDUCT OF EVALUATION TO DETERMINE IF DATA SUPPLIED IN MID-1980s AS CRANE-ALOYCO "OTC" REPORTS WAS USE TO SET TORQUE SWITCHES IN MOVs. DATA MAY HAVE BEEN USED BEYOWD INTENDED SCOPE. DUE BY: 6/2/94
94151	PNY 05/25/94 C635		EMEB: J.NORBERG	POWER AUTHORITY OF STATE OF NY/INDIAN POINT 3 REPORTS DEFECTIVE THREADS IN SPRING ADJUSTING NUT FOR AIR OPERATED VALVE ACTUATOR FOR PORV. ROOT CAUSE NOT IDENTIFIED. WAREHOUSE STOCK TO BE INSPECTED. DUE BY: 6/3/94
94152	WPP 05/26/94 G080		RVIB:PETROSINO	CTBI WASHINGTON PUBLIC POWER/WNP-2 REPORTS SIGNIFICANT DEGRADATION OF DIAPHRAGMS IN SCRAM SOLENOID PILOT VALVES AFTER 4 YEARS OF SERVICE. DIFFERENCES IN CHEM COMPOSITION OF BUNA-N DIAPHRAGM MAT'L MAY BE CAUSE. ALL DIAPHRAGMS REPLACED. SEE LOG# 94104. DUE BY: 7/27/94

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94153	FPC	05/02/94	9405180436	EMEB:SCARBROUGH	FLORIDA POWER CORP/CRYSTAL RIVER 3 PROVIDES FURTHER INFO REGARDING OPERABILITY OF MOVs WITH ELECT MOTOR BRAKE INSTALLED UNDER DEGRADED VOLTAGE CONDITIONS. SEE LOG# 93330/93350/94029.
	L200			DUE BY: 6/8/94	
94154	CWE	10/12/94	9310210020	EELB: BERLINGER	COMMONWEALTH EDISON/LASALLE 1 REPORTS PLANT EXPERIENCED SIGNIFICANT TRANSIENT DUE TO AUTO-TRIP OF SYSTEM AUX TRANS AS RESULT OF WATER INTRUSION TO 4.1 KV DUCTWORK. CAUSE ATTRIB TO LACK OF PREVENT MAINT ON SEALS & NO LOW POINT DRAINS IN DUCT RUN.
	G080			DUE BY: 6/8/94	
94155	NNE	03/29/94		EMEB: G.HAMMER	NORTHEAST NUCLEAR ENERGY/MILLSTONE 1 REPORTS ACTUAL LIFT SETPOINTS FOR SIX SRVs EXCEEDED TECH SPEC LIMITS BY 2-12% OF NAMEPLATE.OXIDE BINDING IS SUSPECTED AS CAUSE. PLATINUM IMPREG STELLITE USED FOR MODIFIED PILOT VALVE SEATS TO CORR PROBLEM.
	T020			DUE BY: 6/8/94	
	W336				

Addressees - Memorandum dated 6/2 /94

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