

DETROIT EDISON - FERMI 2
AUTOMATED RECORD MANAGEMENT
DISTRIBUTION CONTROL LIST
05/17/04

To: 00986

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PAGE 2

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DTC	Doc. Serial Number	Page	Rev	Number Copies	Cnt Lvl	Issue Date	Sec	Status
TLCOMP	RECL			38	1	ST 05/14/04		AFC

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Detroit Edison EF2, C/O Info Mgmt 140 NOC, 6400 North Dixie Highway,
Newport MI 48166. (734) 586-4338 OR (734) 586-4061 for questions or concerns.

Ref: e55202

A001

RESTRICTED ENGINEERING COMPONENTS LIST

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Part Type

Notes

Documents

Part Type	Notes	Documents
A OR SA 453 Gr. 660	THREADED FASTENERS, BOLTS, NUTS AND SCREWS FABRICATED FROM ASTM/ASME A/SA 453 Gr. 660 (ALSO KNOWN AS ALLOY A286 SHALL NOT BE USED IN APPLICATIONS WHERE PEAK TENSILE STRESS IN THE FASTENER EXCEEDS 100 KS.	DER 94-0485 NRC IN 90-68
ABB	TYPE RXMH2, HEAVY DUTY AUXILIARY RELAYS TIMER RELAY MODEL ITE-626 RELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G) ITE POWER SHIELD DEVICE SS5G SHALL NOT BE USED IN PLANT PROCESS APPLICATIONS THEY CAN BE USED IN NON-PROCESS APPLICATIONS I.E. OFFICE BUILDING HVAC, AUXILIARY BOILER PROCESS, ETC.	OTH 91-038 0 TH 92-053 DER 96-0224 OTH 96-034 OER 96-050 Card 03-23448
ABB	ABB K-4000 CIRCUIT BREAKERS	10CFR21 NOTE (1/15/93) DER 93-0216
ABB	ABB ITE 5HK BREAKERS / SWITCHGEAR STATIONARY SECONDARY DISCONNECT CONDUCTOR STRIPS	10CR21 NOTE (9/19/95) DER 95-0853
ABB	ABB LOW VOLTAGE AC CIRCUIT BREAKERS (K-LINE, K-600S) WITH SOLID STATE TRIPPING DEVICE	10CFR21 NOTE (6/9/97) DER 97-1143
ABB	ABB 4KV TYPE HK CIRCUIT BREAKER TRIP ROLLERS	10CFR21 NOTE (12/2/99) CARD 00-13073
ABB	ABB HK AND K-LINE CIRCUIT BREAKERS	10CFR21 NOTE (1/15/01) CARD 01-10587
ABB	ABB POWER SHIELD	10CFR21 NOTE (11/20/02) CARD 02-19244
ABB KENT-TAYLOR	PROCESS CONTROLLER MODEL MOD 30	NOTE 94-04
ABB POWER	WESTINGHOUSE/ASEA BROWN+/- BOVERI, ABB POWER CV-2, CV-4, CV-6, CV-7, AND CV-8 RELAYS WITH TELEPHONE COILS	10CFR21 NOTE (6/27/94) DER 94-0401
ACCUTECH	ENERTECH FASTENERS	DER 95-0851 10CFR21 NOTE (10/24/95)
ACTUATOR	RELIANCE 3-PHASE LIMITORQUE CORP ACTUATOR MOTORS	DER 93-0308 10CFR21 CONDITION (5/13/93)
ACTUATOR	ROTORK CONTROLS, INC TPE NAI ELECTRIC VALVE ACTUATOR	10CFR21 NOTE(6/10/02) CARD 02-14692
ACTUATORS	LIMITORQUE REPLACEMENT MOTOR PINIONS	10CFR21 NOTE (3/20/90)
AEROSPACE	AMETEK AEROSPACE, BULTON STATHAM TRANSMITTERS	10CFR21 NOTE (1/25/02)
AGASTAT	AGASTAT E7000 SERIES TIMING RELAYS AGASTAT GP RELAYS AGASTAT RELAY BASE CR0095 AGASTAT MODEL 7000 TIME DELAY RELAYS AGASTAT MODEL 7000 SERIES TIMERS AGASTAT MODEL E7012PC RELAY	10CFR50.55(e), ITEM 54 SER 68-82 NOTE 84-20 SER 71-82 NOTE 92-24 AND NOTE 87-66 DER 94-0564 AMERACE INFO NOTICE 9/27/94 DER 96-1101
AIR	COMPOSITE TYPE AIR CYLINDER; INCL. LUXFER HOOP-WRAPPED ALUMINUM 4500 PSI ROBERTSHAW CONTROL'S COMPANY RAM 5 RESPIRATORS	NOTE 84-34 NOTE 84-56
AIR OPERATED VALVES	BODY TO BONNET NUTS ON COPES-VULCAN AIR OPERATED VALVES	DER 94-0399

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AIR PILOT VALVES	VALCOR V70900-65-11 AIR PILOT VALVES	10CFR21 NOTES (7/22/94) 10CFR21 NOTE (5/19/98) CARD 98-16000
AK-25	GE AK-25 CIRCUIT BREAKER	10CFR21 NOTE 98-23-93) DER 93-0496
AK-2 BREAKERS	GENERAL ELECTRIC AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC AK-2 CIRCUIT BREAKERS	BULL 79-009 BULL 83-001 BULL 83-004 BULL 83-008 SER 14-83
ALLIS-CHALMERS	ALLIS-CHALMERS SWITCHGEAR	SER 37-81
ALLOY A286	THREADED FASTENERS BOLTS SCREWS AND NUTS FABRICATED FROM ASTM/ASME A/SA 453 Gr. 660 (ALSO KNOWN AS ALLOY A286 SHALL NOT BE USED IN APPLICATIONS WHERE PEAK TENSILE STRESS IN THE FASTENER EXCEEDS 100 KSI.	DER 94-0485 NRC IN 90-68
ALUMINUM SHIMS	ALUMINUM SHIMS	SPEC 3071-029-C, ART.7.3
AMMETER	GENERAL ELECTRIC AMMETERS THAT HAVE PART NUMBERS WHICH START WITH FIFTY	OE 3138
AMPHENOL	BENDIX / AMPHENOL CONNECTOR WITH A NEOPRENE INSERT MODEL MS3106A-10SL-3S	CARD 00-14018
ANCHOR BOLT	DRILLICO, THE MANUFACTURER AND SUPPLIER OF MIZXI-BOLT PRODUCTS, HAS BEEN DROPPED FROM THE N-ASL. NO ITEMS ARE TO BE PROCURED FROM THIS SUPPLIER FOR SAFETY RELATED APPLICATIONS. PER DER 94-0514, CURRENTLY INSTALLED ITEMS AT FERMI 2 AND CURRENT ITEMS IN STOCK WERE EVALUATED AND ACCEPTED.	DER 94-0514
ANCHOR/DARLING	STAINLESS STEEL STUDS TYPE 416 SOUBLE DISK GATE VALVES	SER 01-80 OE 3143
AMETEK	AMETEK AEROSPACE, BULTON STATHAM TRANSMITTERS	10CFR21 NOTE (1/25/02)
ASCO	SOLENOIDS MODEL 206 SERIES 8300-C AND 8302-C SERIES NP 8314 SERIES NP 8323	OE 4716, OE 4819 BULL 75-003 SEN 52 OE 3513
ATWOOD AND MORRILL	ATWOOD AND MORRILL MAINT STEAM ISOLATION VALVE (MSIV)	10CFR21 NOTE (4/27/93) DER 93-0299
ATWOOD AND MORRILL	XOMOX OR ATWOOD & MORRILL TUFLINE SLEEVED PLUT VALVES	DER 94-0133 10CFR21 NOTE (3/11/94)
AUGAT	INGRATED CIRCUIT SOCKET CONNECTORS WITH "ES" SUFFIX	NOTE 94-04
AUTOMATIC-MANUAL OUTPUT STATION	FOXBORO MODEL N-2AX+M_N SERIES AUTOMATIC-MANUAL OUTPUT STATION	10CFR21 NOTE (5/3/96) DER 96-0570
AVCO	AUTOMATIC VALVE CORPORATION (AVCO), 4-WAY PNEUMATIC VALVES FOR GE MSIVS	10CFR21 NOTE (6/6/02) CARD 02-12517
AVCO	AVCO MSIV PNEUMATIC MANIFOLDS SPARE PARTS KITS	10CFR21 NOTE (10/18/96) DER 96-1428
BARTON	ITT BARTON DP INDICATION SWITCHES MODEL WITH A "-1" MODELS 580A-1, 580-1, 581-1, 581A-1, 583-1, 583A-1	10CFR21 (3-29-93)

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	BARTON B FILL INDICATORS MODEL 200 AND 227A, BARTON DIFFERENTIAL PRESSURE SWITCHES MODELS 288A AND 289A		
BARTON	BARTON SWITCHES WITH SERIAL NUMBERS LESS THAN 40,920 FOR MODEL 288A AND LESS THAN 16,421 FOR MODEL 289A SHALL NOT BE ORDERED PER CARD 02-12424	CARD 02-12424 CARD 02-12488 BARTON ADVISORY 3/14/2002	
BBC	ABB RELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G). ITE POWER SHIELD DEVICE SS5G SHALL NOT BE USED IN PLANT PROCESS APPLICATIONS. THEY CAN BE USED IN NON-PROCESS APPLICATIONS, I.E., OFFICE BUILDING HVAC, AUXILIARY BOILER PROCESS, ETC.	DER 96-0224 OER 96-050 OTH 96-034 CARD 03-23448	38
BEAU PRODUCTS	TERMINAL BLOCK; BEAU PRODUCTS 76000 SERIES	10CFR50.55(e) ITEM 126	
BENDIX	PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; BENDIX PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; GULTON INDUS PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; ITT CANNON	BULL 77-005 AND BULL 77-005A BULL 77-005 AND BULL 77-005A BULL 77-005 AND BULL 77-005A	
BENDS	TUBES A BEND CENTER LINE RADILESS THAN 1.5 TUBE DIA PLUS 1/8 IN.	SPEC 3071-007 ART. 11.G	
BERGEN-PATTERSON	BERGEN-PATTERSON HYDRAULIC SHOCK SUPPRESSORS BERGEN-PATTERSON HYDRAULIC SHOCK SUPPRESSORS BERGEN-PATTERSON HYDRAULIC SNUBBER TEST STAND BERGEN-PATTERSON PART 2540 STRUT ASSEMBLIES	BULL 75-005 BULL 78-010 CIRC 78-007 CIRC 79-025	
BENDIX	BENDIX / AMPHENOL CONNECTOR WITH A NEOPRENE INSERT MODEL MS3106A-10SL-3S	CARD 00-14018	
BFD RELAY	WESTINGHOUSE TYPE BF (AC) AND BFD (DC) RELAYS WESTINGHOUSE TYPE BFD RELAYS WESTINGHOUSE TYPE BFD RELAYS	CIRC 76-002 BULL 76-005 BULL 79-025	
BILLIONGOLD COMPANY LIMITED OF HONG KONG		NOTE 92-68	
BINGHAM-WILLIAMETTE	DEEP DRAFT PUMPS; ALSO, INGERSOL RAND OR BYRON-JACKSON	BULL 79-015	
BLOCK: TERMINAL	EXPOSED TERMINAL BLOCK; MARATHON 600 SERIES TERMINAL BLOCK; BEAU PRODUCTS 76000 SERIES	BULL 78-002 10CFR50.55(e) ITEM 126	
BOLTS	THREADED FASTNERS, BOLTS SCREWS AND NUTS FABARICATED FROM ASTM/ASME A/SA Gr. 660 (ALSO KNOWN AS ALLOY A286 SHALL NOT BE USED IN APPLICATIONS WHERE PEAK TENSIL STRESS IN THE FASTENER EXCEEDS 100 KSI.	DER 94-0485 NRC IN 90-68	
BORG-WARNER	BORG-WARNER NUC. VALVE DIV. BW-NVD, 3" 1500LB. MOTOR -OPERATED GATE VALVES	 BULL 81-002	
BREAKER	ABB ITE 5HK BREAKERS / SWITCHGEAR STATIONARY SECONDARY DISCONNECT CONDUCTOR STRIPS	10CR21 NOTE (9/19/95) DER 95-0853	

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Part Type	Notes	Documents
BREAKERS	GENERAL ELECTRIC 4KV MAGNE-BLAST CIRCUIT BREAKERS GENERAL ELECTRIC AKR OR POWERBREAK CIRCUIT BREAK. W/MICROVERATRIP PROGRAMMERS GENERAL ELECTRIC TYPE AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC TYPE AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC MOLDED CASE CIRCUIT BREAKER P/N TJK436Y400 KLOCKNER-MOELLER MOLDED CASE CIRCUIT BREAKERS MOLEL NZM6, NZM6B, NZMH6 WESTINGHOUSE DB TYPE CIRCUIT BREAKERS	BULL 81-002 MISC 047 BULL 79-009 SER 14-83 NOTE 93-26 NOTE 93-22 SER 14-83
BUNKER RAMO	BUNKER RAMO CONTAINMENT PENETRATION ASSEMBLIES	BULL 82-004
BYRON-JACKSON	DEEP DRAFT PUMPS; ALSO, INGERSOL RAND OR BINGHAM-WILLIAMETTE	BULL 79-015
C.P.CLARE	C.P. CLARE MERCURY WETTED MATRIX RELAYS MODEL HG2X-1011 C.P. CLARE MERCURY WEETED MATRIX RELAYS MODEL HG2X-1011	BULL 80-019 SER 39-80
CABLE	PVC JACKETED CABLE ROCKBESTOS COAXIAL CABLE - TYPE RSS-6 SERIES 100 THRU 112 RADIX WIRE COMPANY - TEMPERGARD FZ-101 HIGH TEMP CABLES	CIRC 76 -006 SER 07-82 DER 94-620
CABLE SLEEVES	RAYCHEM WCSF-070N HEAVY WALL, FLAME-RETARDED NUCLEAR CABLE SLEEVES	DER 94-0729 10CFR21 NOTE (11/22/94) DER 95-0126
CADMIUM	CADMIUM PLATED BOLTS, SCREWSAND NUTS SHALL NOT BE USED IN APPLICATION WHERE TEMPERATURE EXCEEDS 340 DEGREES F.	DER 95-0126
CARBOLINE	CARBOLINE CARBOZINC 11 SG BASE	10CFR21 NOTE (12/9/02) CARD 02-18080
CARBOZINC	CARBOLINE CARBOZINC 11 SG BASE	10CFR21 NOTE (12/9/02) CARD 02-18080
CADMIUM PLATED	CADMIUM PLATED FLEXILOC LOCKNUT SHALL NOT BE USED IN APPLICATION WHERE TEMPERATURE EXCEEDS 450 DEGREE F.	VENDOR INFO
CAPTIOLO	CAPITOL MANUFACTURING COMPANY 1 INCH 3000# CARBON STEEL CAPS	10CFR50.55(e), ITEM 77
CAPS	CAPITOL MANUFACTURING COMPANY 1 INCH 3000# CARBON STEEL CAPS	10CFR50.55(e), ITEM 77
CARBOLINE COMPANY	CARBOLINE COMPANY CARBOGURARD 890 PART B 2A266L, 2H9275L AND 2H9352L SHALL NOT BE USED DUE TO PROBLEMS WITH SETTING	CARD 03-11639, OTH 03-024, PS-39593
C & S	C & S DUAL PLATE CHECK VALVES WITH VITON SEATS	OTH 93-061
CHART RECORDERS	WESTRONICS CHART RECORDER MODEL S4C,D4N, D4C,T4G,T4C AND T4N.	DER 93-0060 10CFR21 NOTE (1/5/93)
CHECK VALVE	KEROTEST (K085) 2 INCH Y-TYPE SERIES 1513 CHECK VAVLE	10CFR21 NOTE (10/1/97) CARD 97-11226
CHEWS LANDING METAL MANUFACTURES	ASTM AND ASME PITPE FITTING AND FLANGES	BUL 88-005
CHECK VALVE	C & S DUAL PLATE CHECK VALVES WITH VITON SEATS	OTH 93-061 DER 93-0638
CIRCUIT BREAKERS	KLOCKNER-MOELLER MODELS NZM6, NZM6B AND NZMHG MOLDED CASE CIRCUIT BREAKERS RATED 100 AMPS OR LESS GENERAL ELECTRIC 4KV MAGNE-BLAST CIRCUIT BREAKERS	NOTE 93-22 BULL 74-009

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	GENERAL ELECTRIC AKR OR POWERBREAK CIRCUIT BREAK. W/MICROVERSATRIP PROGRAMMERS GENERAL ELECTRIC TYPE AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC TYPE AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC MOLDED CASE CIRCUIT BREAKER P/N TJK436Y400 SATIN AMERICAN CORP CIRCUIT BREAKERS WESTINGHOUSE TYPE DB CIRCUIT BREAKERS WESTINGHOUSE TYPE DS AND DSL CIRCUIT BREAKERS WESTINGHOUSE AMPTECTOR DIRECT TRIP ATTACHMENT (DTA) FOR CIRCUIT BREAKERS ABB K-4000 CIRCUIT BREAKERS GE AK-25 CIRCUIT BREAKERS	MISC 047 BULL 74-0009 SER 1483 NOTE 93-26 IN 89-45, IN 83-26 DER-89-061, DER 93-059 SER 14-83 BULL 88-001, SEN 51 NOTE 88-54 10CFR NOTE (1/15/93) DER 93-0216 10CFR NOTE (8/23/93) DER 93-0496)
CIRCUIT BREAKERS	GE TPE AM MAGNE BLAST CIRCUIT BREAKERS	DER 94-0309 10CFR21 NOTE (6/24/94)
CIRCUIT BREAKERS	ABB LOW VOLTAGE AC CIRCUIT BREAKERS (K-LINE, K-600S) WITH SOLID STATE TRIPPING DEVICE	10CFR21 NOTE (6/9/97) DER 97-1143
CIRCUIT BREAKERS	ABB 4KV TYPE HK CIRCUIT BREAKER TRIP ROLLERS	10CFR21 NOTE (12/2/99) CARD 00-13073
CIRCUIT BREAKERS	ABB HK AND K-LINE CIRCUIT BREAKERS	10CFR21 NOTE (1/15/01) CARD 01-10587
CLEANER	CRAMOLIN CLEANER / SOLVENT	DER 95-0077 TMPE-95-0084
CLOSURE SEALS	CLOSURE SEALS; CARBON STEEL CONTACTING STAINLESS STEEL CLOSURE SEALS; HARD BRASS OR BRONZE MATERIAL CLOSURE SEALS; PAPER TAPE CONTACTING METAL SURFACE CLOSURE SEALS; PAPER, CARDBOARD, OR SIMILAR MATERIAL CLOSURE SEALS; ZINC-PLATED, GALVANIZED METAL, LEAD, TIN OR CADMIUM	SPEC 3071-031, J APP. D, ART.4.3.5.2.6.4 SPEC 3071-029-C, APP. A, ART.4.3.5.2.6.6 SPEC 3071-031-J, APP. D, ART.4.3.5.2.6.11 SPEC 3071-031-JM APP. D ART.4.3.5.2.6.1. SPEC 3701-031-J, APP. D ART.4.3.5.2.6.5
COFFEYVILLE VALVE INC		NOTE 92-56
COILS	OPEN HEATING COILS	SPEC 3071-303, FORM 1890-F, ART.4.10
COLTEC	COLTEC INDUSTRIES EDG SYNCHRO-START ESSB-4AT (MODEL SA2110), ESSB-3AT AND ESSB-2AT SPEED SWITCHES.	10CFR21 NOTE (2/16/99) CARD 99-10877
COLTEC INDUSTRIES	COLTEC INDUSTRIES DIESEL FUEL INJECTOR PUMPS	10CFR21 NOTE (8/19/94) DER 94-0443
COLTEC INDUSTRIES	COLTEC INDUSTRIES LUBE-OIL PUMP/GOVERNOR-DRIVE BRACKET FOR DIESEL GENERATORS	10CFR21 NOTE (2/20/95) DER 95-0166
COMPONENTS	MERCURY COMPONENTS	SPEC 3071-285-A, ART.11.3.4
CONDUIT	FLEXIBLE CONDUIT; NON-JACKETED FLEXIBLE CONDUIT	SPEC 3071-128-ECAE, ART..EC-3-1/1.3
CONDUIT	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353C1 CONDUIT SEALS	10CFR21 NOTE (9/20/96) DER 96-1222
CONDUIT SEALS	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353C1 CONDUIT SEALS	10CFR21 NOTE (2/1/01) CARD 01-10530
CONOFLOW	ITT CONOFLOW GT25 I/P TRANSDUCER, GT25CA1826, GT25FA1826, GT45CA1826, GT45FA1826, GT65CA1826, GT65FA1826	10CFR21 NOTE (10/13/00)
CONNECTORS	AUGAT INTEGRATED CIRCUIT SOCKET CONNECTORS WITH 'ES'SUFFIX	NOTE 94-04

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Part Type	Notes	Documents
	MECHANICAL OR FRICTIONAL TYPE CONNECTORS LITTON-VEAM CIR SERIES MULTI-PIN ELECTRICAL CONNECTORS PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; BENDIX PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; GULTON IDUS PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; ITT CANNON SOLDERED TERMINAL CONNECTIONS	SPEC 3071-074-A, ART. 5.6.6.2 NOTE 89-23 BULL 77-005 AND BULL 77-005A BULL 77-005 ANF BULL 77-005A BULL 77-005 AND BULL 77-005A SPEC 3071-314, ART. 12.3.2
CONNECTORS	BENDIX/AMPHENOL CONNECTOR WITH A NEOPRENE INSERT MODEL MS3106A-10SL-3S	CARD 00-14018
CONTACT OUTPUT ISOLATOR	FOXBORO CONTACT OUTPUT ISOLATORS N-2A0-L2C-R AND N-2A0-L2C-R WITH POTTER AND BRUMFIELD RELAYS	10CFR21 NOTE (7/9/99) CARD 99-15751
CONTACT OUTPUT ISOLATOR	FOXBORO CONTACT OUTPUT ISOLATOR AND / OR N0152CK SPARE RELAYS	10CFR21 NOTE (9/13/99) CARD 99-17136
CONTACTORS	CUMMINS TYPE 118848 MAGNETIC SWITCH & TYPE 199573 DC RELAY CONTRACTORS ELMWOOE/FASCO DEFINITE PURPOSE CONTACTORS MANUFACTURE BEFORE 2/5/92 GENERAL ELECTRIC CR105X CONTRACTORS GOULD NEMA SIZE 3 STARTERS AND CONTACTORS WESTINGHOUSE A200DC AND DPC 250 CONTACTORS	OTH 92-015 BULL 78-005 CIRC 78-023 NOTE 91-45
CONTAINMENT	BUNKER-RAMO CONTAINMENT PENETRATION ASSEMBLIES GENERAL ELECTRIC SERIES 100 CONTAINMENT ELECTRICAL PENETRATIONS	BULL 82-004 BULL 77-007
CONTROL PANEL	WIRING FOR RADWASTE CONTROL PANEL WIRING FOR RADWASTE CONTROL PANEL WIRING FOR RADWASTE CONTROL PANEL WIRING FOR RADWASTE CONTROL PANEL	SPEC 3071-283, ART. D.1.M SPEC 3071-283, ART. D.1.N SPEC 3071-283, ART. D.2.c SPEC 3071-283, ART. D.2.d
CONTROLS	EAGLE SIGNAL CONTROLS TIMERS MODEL HO-64A602	OTH 93-026
CONTROL SWITCHES	WESTINGHOUSE TYPE OT-2 WESTINGHOUSE TYPE W-2 WESTINGHOUSE TYPE W-2 WESTINGHOUSE TYPE W-2 WESTINGHOUSE TYPE W-2	BULL 75-006 BULL 74-006 BULL 80-020 SPEC 3071-019-A, ART. 5.6.5.7 NOTE 92-31 AND NOTE 87-66
CONTROLLER	ABB-KENT TAYLOR PROCESS CONTROLLER MODEL TAYLOR MOD 30 JOHNSON YOKOGAWA YS-80 PROGRAMMABLE INDICATION CONTROLLERS MODELS SLPC, SLMC, SCMS AND SPLR	NOTE 94-04 NOTE 92-31 AND NOTE 87-66
CONRNER AND LADA	CONER AND LADA SWAY STRUTS	SER 50-80
COPE-S-VULCAN	BODY TO BONNET NUTS ON COPES-VULCAN AIR OPERATED VALVES	DER 94-0399 10CFR21 NOTES (7/22/94)
COUPLER	DRILLCO, THE MANUFACTURER AND SUPPLIER OF MAXI-BOLT PRODUCTS HAS BEEN DROPPED FROM THE N-ASL. NO ITEMS ARE TO BE PROCURED FROM THIS SUPPLIER FOR SAFETY RELATED APPLICATIONS. PER DER 94-0514, EVALUATION OF CURRENTLY INSTALLED ITEMS AT FERMI 2 AND CURRENT ITEMS IN STOCK WERE EVALUATED AND ACCEPTED.	DER 95-0514

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COUPLERS	FLEXIBLE LOVEJOY COUPLINGS RAYCHEM CRYOFIT COUPLINGS SCREWED COUPLINGS	SER 16-81 NOTE 91-87 SPEC 3071-129A, ART.6.4	
CR120AD	GENERAL ELECTRIC TYPE CR120AD RELAYS	10CFR21 NOTE (6/12/97) CARD 97-11225	
CRAMOLIN	CRAMOLIN CLEANER / SOLVENT	DER 95-0077 TMPE-95-0084	
CRANE	WHITING CRANE / #25 HOIST UNIT	10CFR21 NOTE (1/29/03) CARD 03-12001 CARD 03-11633	
CROSBY	SAFETY VALVES STYLES HB-65BP	RICSIL 044	
CUMMINS	CUMMINS TYPE 118848 MAGNATIC SWITCH & TYPE 199573 DC RELAY CONTRACTORS	CIRC 79-013	
CUSTOM CONTROL SENSORS	CUSTOM CONTROL SENSORS PRSSURE SWITCHES MODEL 604 AND 646 WILL NOT BE USED IN SAFETY RELATED APPLICATIONS	OTH-90-050 OE-4192	
CUTLER-HAMMER	CUTLER-HAMMER SWITCH MOFEL NUMBER 10250T 4023 AND ALL CUTLER-HAMMER THREE POSITION SWITCHES WITH MODEL NUMBER 10250T TYPE M CATALOG NUMBER D23MRD DC RELAYS STARTERS, "A10" SERIES NEMA SIZE 1,2, AND 3 MANUFACTURED BETWEEN 1/81 AND 5/15/89	BULL 75-015 BULL 78-006 SEN 73	
CUTLER HAMMER	CUTLER-HAMMER A200 NEMA SIZE 1 STARTER	10CFR21 NOTE (11/25/02) CARD 02-12732	
CUTLER HAMMER	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3 POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL.	10CFR21 NOTE (10/3/2003), CARD 03-11949 PS-40206 OTH 03-118	38
CV	WESTINGHOUSE/ASEA BROWN-+ / BOVERI, ABB POWER CV-2, CV-4, CV-6, CV-7, AND CV-8 RELAYS WITH TELEPHONE COILS	10CFR21 NOTE (6/27/94) DER 94-0401	
DB-50	WESTINGHOUSE TECHNIAL BULLETIN D8-50 CIRCUIT BREAKERS REQUIRE REVIEW OF WESTINGHOUSE TECH BULETING BEFORE INSTALLATION AT FERMI II	CARD 99-17143 W-TB-99-05	
DEEP DRAFT PUMPS	BYRON-JACKSON, INGERSOL-RAND, BINGHAME-WILLIAMETTE DEEP DRAFT PUMPS	Bull 79-015	
DIAPHRAGM, SIZE 80 ACTUATOR	FISHER CONTROLS VALVES NITRILE/NYLON DIAPHRAGMS (FISHER PART NUMBER 1R6375X0022 AND 2R6376XX032) WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL	CARD 97-11224 FIN 97-01	
DIESEL GENERATOR	COLTEC INDUSTRIES LUBE-OIL PUMP/GOVERNOR-DRIVE BRACKET FOR DIESEL GENERATORS	10CFR21 NOTE (2/20/95) DER 95-0166	
DIFFERENTIAL PRESSURE SWITCHES	BARTON B FILL INDICATORS MODEL 200 AND 227A ABD BARTON DIFFERENTIAL PRESSURE SWITCHES MODELS 288A AND 289A	DER 95-0412	

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DOOR	MESKER D AND H PYROMATIC DOOR CLOSERS MOCK MANUFACTURING INC (MM) REPLACEMENT HARDWARE FOR WATERTIGHT DOORS NOTE: ALSO AFFECTS MMI AFFILATE OVERBEKE-KAINE MANUFACTURING INC., (O-K)	CIRC 78-0004 NOTE 91-21	
DRESSER	DRESSER INDUSTRIAL TYPE 1982 PRESSURE RELIEF VALVES	OTH 92-011	
DRESSER RAND	DRESSER RAND REVERSE CHAMBER	CARD 00-10231 OE 11174	
DRILLCO	DRILLCO, THE MANUFACTURER AND SUPPLIER OF MAXI-BOLT PRODUCTS, HAS BEEN DROPPED FROM THE N-ASL. NO ITEMS ARE TO BE PROCURED FROM THIS SUPPLIER FOR SAFETY APPLICATIONS, PER DER 94-0514, CURRENTLY INSTALLED ITEMS AT FERMI 2 AND CURRENT ITEMS IN STOCK WERE EVALUATED AND ACCEPTED.	DER 94-0514	
DMM	FLUKE MODEL 77 SERIES II DIGITAL MULTIMETERS	LER 92-002	
DP SWITCHES	ITT BARTON DP INDICATING SWITCHES MODEL WITH A "1" DESIGNATION MODELS 580A-1, 580-1, 581A-1, 583-1, 583A-1	10CFR21 (3-29-93)	
E700	AGASTAT E7000 SERIES TIMERS	DER 94-0564	
EATON	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3 POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL	CARD 03-11949 OTH 03-118 PS-40206 10CFR21 NOTE (10/3/2003)	38
EDG	COLTEC INDUSTRIES DIESEL FUEL INJECTOR PUMPS	10CFR21 NOTE (8/19/94) DER 94-0443	
EDG	COLTEC INDUSTRIES LUBE-OIL PUMP/GOVERNOR-DRIVE BRACKET FOR DIESEL GENERATORS	10CFR21 NOTE (2/20/95) DER 95-0166	
EDG	COLTEC INDUSTRIES EDG SYNCHRO-START ESSB-4AT (MODEL SA2110), ESSB-3AT AND ESSB-2AT SPEED SWITCHES.	10CFR21 NOTE (2/16/99) CARD 99-10877	
EDG	NORGEN R18EMD PRESSURE REGULATING VALVES ON EMERGENCY DIESEL GENERATORS (EDGS)	10CFR21 NOTE (7/31/02) CARD 02-12709	
EDG	EMD EMERGENCY DIESEL GENERATORS (EDGS)	10CFR21 NOTE (9/10/02) CARD 02-12711	
ELECTRONICS	THERMO ELECTRON WESTONICS PRINTED CIRCUIT ASSEMBLY (PCA) CB100295 REVISION A AND B	CARD 04-20303 10CFR21 NOTE (3/25/04) (2004-006-00) OE 17997	38
ENERGY & PROCESS CORP	ENERGY & PROCESS CORP. 1-1/4"-8 HEAVY HEX NUTS SA194 GRADE 7	DER 94-0134 10CFR21 NOTE (3/23/94)	
ELWOOD	ELMWOOD/FASCO DEFINITE PURPOSE CONTACTORS MANUFACTURED BEFORE 2/5/92	OTH 92-015	
ENERTECH	ENERTECH FASTENERS	DER 95-0851 10CFR21 NOTE (10/24/95)	
EMD	NORGEN R18EMD PRESSURE REGULATING VALVES ON EMERGENCY DIESEL GENERATORS (EDGS)	10CFR21 NOTE (7/31/02) CARD 02-12709	
EMD	EMD EMERGENCY DIESEL GENERATORS (EDGS)	10CFR21 NOTE (9/10/02) CARD 02-12711	
ETHYLENE GYLCO	BARTON BE FILL INDICATORS MODEL 200 AND 227A AND BARTON	DER 92-0412	

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	DIFFERENTIAL PRESSURES S SWITCHES MODEL 288A AND 289A.	
EQUIPMENT	DEVICES CONTAINING MERCURY INSTRUMENTS AND EQUIPMENT CONTAINING MERCURY OR MERCURY COMPOUND STEEL GRIT USED FOR CLEANING OR DE-SCALING VITREOUS STONE OR SIMILAR GRINDING WHEELS VITREOUS STONE OR SIMILAR GRINDING WHEELS VITREOUS STONE OR SIMILAR GRINDING WHEELS	SPEC 3071-300-A, ART, 403.3-b5 SPEC 3071-031-J, APP. D, ART.7.6.7 SPEC 3071-030-A, ART.13.16.1.3 SPEC 3071-029-C, APP.A, ART.4.1.1.3 SPEC 3071-031-J, APP.D, ART.4.1.1.3 SPEC 3071-173-A, APP.A, ART.12.1.2
FASCO	ELMWOOD FASCO DEFINITE PURPOSE CONTACTORS MANUFACTURED BEFOR 2/5/82	OTH 92-015
FASTENERS	CADMIUM PLATED BOLTS, SCREWS AND NUTS SHALL NOT BE USED IN APPLICATIONS WHER TEMPERATURE EXCEEDS 340 DEGREES F.	DER 95-0126
FASTENERS	CADMIUM PLATED FLEXLOC LOCKNUTS SHALL NOT BE USED IN APPLICATIONS WHERE TEMPERATURE EXCEEDS 450 DEGREES F.	VENDOR INFO
FASTNERS	THREADED FASTNERS, BOLTS, SCREWS AND NUTS FABRICATED FROM ASTM/ASME A/SA 453 Gr. 660 (ALSO KNOWN AS ALLOY A286) SHALL NOT BE USED IN APPLICATIONS WHERE PEAK TENSIL STRESS IN THE FASTENER EXCEEDS 100 KSI	DER 94-0485 NRC IN 90-68
FERRULE	SWAGELOK SS-1613-1 1-INCH STAINLESS STEEL FRONT FERRULES	10CFR21 NOTE (9/14/98) CARD 98-18327
FERRULE	SWAGELOK SS-503-1, SS-500-SET, AND SS-500-6-2BT STAINLESS STEEL FRONT FERRULES	10CFR21 NOTE (10/26/03) CARD 98-18358
FISHER	FISHER BUTERFLY VALVES TYPE 9200	SER 28-81
FISHER CONTROL VALVES:	SIZE 6" CLASS 600, TYPE EP SIZE 8" X 6", CLASS 600 AND CLASS 900, TYPE EWP SIZE 6", CLASS 900, TYPE SS-120 PILOT-PLUG SPRINGS (P/N 13A4887X012 OR 13A4887X022 ALL TYPE AP, EP, EWP AND SS-120 CONTROL VALVES	FAN 87-2 FAN 88-1
FITTINGS	INDENTER TYPE OR DIE CAST FITTINGS; CAST IRON OR LIGHT ALLOY DIE CAST INDENTER TYPE OR DIE CAST FITTINGS; CAST IRON OR LIGHT ALLOY DIE CAST TUBE TURN FITTINGS ASTM AND ASME PIPE FITTINGS	SPEC 3071-303, STD-EB-148, ART.3.2.3 SPEC 3071-303, STD-EB-148, ART.3.3.3 CIEC 79-010 BULL 88-005
FLANGES	SLIP ON FLANGES ASTM AND ASME FLANGES ASTM & ASME PIPE FLANGES ASTM 7 ASME PIPE FLANGES	SPEC 3071-075, ART.11.B.(2) BULL 88-005 NOTE 92-68 NOTE 92-68 SUPP 1
FLEXLOC	CADMIUM PLATED FLEXLOC LOCKNUTS SHALL NOT BE USED IN APPLICATIONS WHERE TEMPERATURE EXCEEDS 450 DEGREES F.	VENDOR INFO

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FLUKE	MODEL 77 SERIES II DIGITAL MULTIMETERS	LER 92-002	
FOXBORO	FOXBORO 10-50 MA RANGE TRANSMITTERS FOXBORO 10-50 MA RANGE TRANSMITTERS	CIRC 81-006 SER 63-81	
FOXBORO	FOXBORO MODEL N-2AX+M_N SERIES AUTOMATIC-MANUAL OUTPUT STATION	10CFR21 NOTE (5/3/96) DER 96-0570	
FOXBORO	FOXBORO CONTACT OUTPUT ISOLATOR AND / OR N0152CK SPARE RELAYS	10CFR21 NOTE (9/13/99) CARD 99-17136	
FOXBORO	FOXBORO CONTACT OUTPUT ISOLATORS N-2A0-L2C-R AND N-2A0-L2C-R WITH POTTER AND BRUMFIELD RELAYS	10CFR21 NOTE (7/9/99) CARD 99-15751	
FRAMATOME	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS; H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3; POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL	10CFR21 NOTE (10/3/03) CARD 03-11949 PS-40206 OTH 03-118	38
GE	AUTOMATIC VALVE CORPORATION (AVCO), 4-WAY PNEUMATIC VALVES FOR GE MSIVS	10CFR21 NOTE (6/6/02) CARD 02-12517	
GENERAL ELECTRIC	GENERAL ELECTRIC AKR OR POWERBREAK CIR. BREAK, W/MICROVERSATRIP PROGRAMMERS GENERAL ELECTRIC CONTRACTORS CR105X GENERAL ELECTRIC FLOAT TYPE LEVEL SWITCHES PART NO. 159C4361 AND 184C4776 GENERAL ELECTRIC HFA LATCHING-TYPE RELAYS GENERAL ELECTRIC INSTRUMENT METERS; AMMETER, VAR METER, VOLT METER & WATT METER THAT HAVE PART NUMBERS WHICH START WITH FIFTY GENERAL ELECTRIC HEA RELAY AND SB SWITCHES GENERAL ELECTRIC HGA RELAYS MANUFACTURED DURING PERIOD 1/89 AND 6/91	MSC 047 BULL 78-005 SIL 531 BULL 88-003 OE 3138 DER 95-0404 SAL 203.1 DER 96-1856	
GENERAL ELECTRIC	GENERAL ELECTRIC HFA RELAYS WITH NYLON OR LEXAN COILS GENERAL ELECTRIC HFA RELAYS MANUFACTURED PRIOR TO SEPTEMBER 1968 GENERAL ELECTRIC METAL CLAD SWITCHGEAR GENERAL ELECTRIC MOLDER CASE CIRCUIT BREAKERS P/N TJK436Y400 GENERAL ELECTRIC MOTOR CONTROL CENTERS GENERAL ELECTRIC NEMA SIZE 2 MOTOR STARTER, TYPE CR206D GENERAL ELECTRIC RELAYS CR120A GENERAL ELECTRIC CR120A RELAYS GENERAL ELECTRIC SBM SWITCHES GENERAL ELECTRIC SERIES 100 CONTAINMENT ELECTRICAL PENETRATIONS GENERAL ELECTRIC TYPE 4KV MAGNE-BLAST CIRCUIT BREAKERS GENERAL ELECTRIC TYPE AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC TYPE AK-2 CIRCUIT BREAKERS GENERAL ELECTRIC TYPE HFA, HGA PVD21B, RESPIRATORS GENERAL ELECTRIC TYPE HMA AUXILLARY RELAYS GENERAL ELECTRIC TYPE STD TRANSFORMER DIFFERENTIAL RELAYS GENERAL ELECTRIC TIME DELAY RELAYS, TYPE CR 2820 GENERAL ELECTRIC VULKENS 600 CABLE TYPE XHHW	BULL 84-002 NOTE 88-69 CIRC 79-017 NOTE 93-26 BULL 74-013 CIRC 78-009 BULL 78-001 DER 88-1616 SIL 155 BULL 77-007 BULL 74-009 BULL 79-009 SER 14-83 NOTE 88-14 SER 34-83 BULL 76-003 SIL 230 REV 2 BULL 74-013	
GENERAL ELECTRIC	GENERAL ELECTRIC IRM INVERTER MODULE PART NUMBER 368X188AAG006 WILL NOT BE USED	OTH 01-096	

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	AT FERMI 2. SEE CARD 01-18849. SPRS STOCK CODE 489-1166 DESCRIPTION FOR INVERTER MODULE 368X188AAG004 HAS BEEN UPDATED FOR THE SAME	OE 12684
GENERAL ELECTRIC	GENERAL ELECTRIC TYPE AK-15, AK-25 AND AKR-20S CIRCUIT BREAKERS THAT HAVE BEEN CONVERTED TO THE MICRO VERSA TRIP PPLUS (MVT+) OVERCURRENT TRIP DEVICES. THESE BREAKERS HAVE FAILED TO BE ABLE TO RESET OR THE FLUX SHIFTER CONTAINED IN THE MVT+ FAILING TO RESET. THIS APPLIES ONLY TO THE AK BREAKERS WHICH HAVE INTERNALLY SENSED TRIPS FROM THE MVT+.	CARD 00-10137 GE SIL 617 REV 1
GENERAL ELECTRIC (GE)	GE AK-25 CIRCUIT BREAKERS	DER 93-0496 10CFR21 NOTE (8/23/93)
GENERAL ELECTRIC (GE)	GE TPE AM MAGNE BLAST CIRCUIT BREAKERS	DER 94-0309 10CFR21 NOTE (6/24/94)
GENERAL ELECTRIC (GE)	GENERAL ELECTRIC TYPE CR120AD RELAYS	10CFR21 NOTE (6/12/97) CARD 97-11225
GOULD	GOULD NEMA SIZE 3 STARTERS AND CONTACTORS ITE/GOULD/TELEMECANIQUE TYPE J-10 RELAYS ABB RELAYS POWER SHIELD TRIP DEVICE 9SS3, SS4G, SS5G) ITE POWER SHIELD DEVICE SS5G SHALL NOT BE USED IN PLANT PROCESS APPLICATIONS. THEY CAN BE USED IN NON-PROCESS APPLICATIONS, I.E. OFFICE BUILDING HVAC, AUXILIARY BOILER PROCESS, ETC	CIRC 79-023 OTH 91-059, PS-2471, AND SEN 86 OTH 96-034 OTH 96-050 DER 96-0224 CARD 03-23448
GOULDS PUMPS	GOULDS PUMPS	10CFR21 NOTE(3/11/98) CARD 98-12315
GOVERNOR CONTROLLER	WOODWARD 2301A GOVERNOR CONTROLLER PART NUMBER 9903-337	10CFR21 NOTE (7/16/01) CARD 00-12429 CARD 01-19000
GRINDING WHEELS	VITREOUS STONE OR SIMILAR GRINDING WHEELS VITREOUS STONE OR SIMILAR GRINDING WHEELS VITREOUS STONE OR SIMILAR GRINDING WHEELS	SPEC 3071-029-C, APP. A, ART.4.1.1.3 SPEC 3071-031-J, APP. D, ART 4.1.1.3 SPEC 3071-173-A, APP. A, ART. 12.1.2.
GROUT	SKW-MBT EMBECO 636 GROUT	10CFR21 NOTE (2/13/01) CARD 01-10531
GUARDS	WIRE MESH BELT GUARDS	SPEC 3071-067-A, ART. 3.G
GULTON INDUSTRIES	PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; BENDIX PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; GULTON INDUS PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; ITT CANNON	BULL 77-005 AND BULL 77-005A BULL 77-005 AND BULL 77-005A BULL 77-005 AND BULL 77-005A
GULTON STATHAM	AMETEK AEROSPACE, BULTON STATHAM TRANSMITTERS	10CFR21 NOTE (1/25/02)
HARDWARE	ALL COMPONENTS MANUFACTURED BY MOCK MANUFACTURING INC (MM) REPLACEMENT HARWARE FOR WATERTIGHT DOORS. NOTE: ALSO AFFECTS MMI AFFILIATE OVERBEKE-KAINE MANUFACTURIND INC. (O-K)	NOTE 91-21
HAMANAKA	ENERGY & PROCESS CORP. 1-1/4"-8 HEAVY HEX NUTS SA194 GRADE 7	DER 94-0134 10CFR21 NOTE (3/23/94)
HAMMEL-DAHL	CONOFLOW VALVES WITH TWO PIECE SHAFT BEARING INSERTS.	OE 2963
HAYWARD TYLER	HAYWARD TYLER PUMP COMPANY AND SPARE PARTS	BULL 83-005

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HEA RELAY	GENERAL ELECTRIC HEA RELAY AND SB SWITCHES	DER 95-0404 SAL 203.1	
HEAD CAP SCREWS	ENERTECH FASTENERS	DER 95-0851 10CFR21 NOTE (10/24/95)	
HEAT EXCHANGERS	HEAT EXCHANGER TUBES; 90-10 Cu Ni HEAT EXCHANGER TUBES SOLDERED TUBE HEAT EXCHANGERS	SER 14-80 CIRC 80-011	
HEATER	OPEN HEATING COILS	SPEC 3071-303, FORM 1890-F, ART. 4.10	
HEATER	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3 POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL.	10CFR21 NOTE (10/3/2003) CARD 03-11949 OTH 03-118 PS-40206	38
HEATER PACKS	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3 POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL.	10CFR21 NOTE (10/3/2003) CARD 03-11949 OTH 03-118 PS-40206	38
HEATING COILS	OPEN HEATING COILS	SPEC 3071-303, FORM 1890-F, ART. 4.10	
HEX NUTS	ENERGY & PROCESS CORP. 1-1/4"-8 HEAVY HEX NUTS SA194 GRADE 7	DER 94-0134 10CFR21 NOTE (3/23/94)	
HEX NUTS	BODY TO BONNET NUTS ON COPEES-VULCAN AIR OPERATED VALVES	DER 94-0399 10CFR21 NOTES (7/22/94)	
HFA	HFA RELAYS WITH NYLON OR LEXAN COILS	BULL 82-002	
HGA RELAYS	GE HGA RELAYS MANUFACTURED DURING PERIOD 1/89 TO 6/91	DER 96-1856	
HK	ABB ITE 5HK BREAKERS / SWITCHGEAR STATIONARY SECONDARY DISCONNECT CONDUCTOR STRIPS	10CFR21 NOTE (9/19/95) DER 95-0853	
HOIST UNIT	WHITING CRANE / #25 HOIST UNIT	10CFR21 NOTE (1/29/03) CARD 03-12001 CARD 03-11633	
HONEYWELL	HONEYWELL INCORPORATED PUSHBUTTON SWITCHES	CIRC 81-001	
HOSE NOZZLE	WILCO LEXAN HOSE MODEL HN-4-L NOZZLE	OTH 93-045 & DER 93-0467	
HYDRAULIC	BERGEN-PATTERSON HYDRAULIC SHOCK SUPPRESSORS BERGEN-PATTERSON HYDRAULIC SHOCK SUPPRESSORS BERGEN-PATTERSON HYDRAULIC SNUBBER TEST STAND ITT GRINNEL HYDRAULIC HYRAULIC SNUBBERS	BULL 75-005 BULL 78-010 CIRC 78-007 CIRC 76-005	
I.C. SOCKET	AUGAT INTEGRATED CIRCUIT SOCKET CONNECTORS WITH A "ES" SUFFIX	NOTE 94-04	
INC	INC MECHANICAL SNUBBERS	SER 22-81	
INGERSOLL-RAND	DEEP PUMPS; ALSOK BINGHAM-WILLIAM OR BYRON-JACKSON	BULL 79-015	

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INDICATORS	BARTON B FILL INDICATORS MODEL 200 AND 227A AND BARTON DIFFERENTIAL PRESSURE SWITCHES MODELS 288A AND 289A	DER 95-0412	
INJECTOR PUMPS	COLTEC INDUSTRIES DIESEL FUEL INJECTOR PUMPS	10CFR21 NOTE (8/19/94) DER 94-0443	
INSTRUMENTS	DEVICES CONTAINING MERCURY INSTRUMENTS AND/OR EQUIPMENT CONTAINING MERCURY OR MERCURY COMPOUNDS MERCURY COMPONENTS	SPEC 3071-300-A, ART.403.3.b5 SPEC 3071-031-J, APP.D, ART.7.6.7	
INTERNATIONAL RECTIFIER MODEL NO. 35MB40A	(TARGET ROCK PART NO 203129-1)	OTH 92-024	
INVERTER	WESTINGHOUSE INVERTERS--WILL NOT BE USED AT FERMI 2 WITHOUT ENGINEERING APPROVAL	NOTE 84-84	
ITE	PNEUMATIC TIME DELAY RELAYS IMPERIAL CATALOG #J20T3/JB13-P20 & J20T3/J13P30 POWER SHIELD TRIP DEVICE MODEL SS5G ITE/GOULD/TELEMECANIQUE TYPE J-10 RELAYS ABB RELAYS POWER SHIELD TRIP DEVICE (SS3,SS4G, SS5G) ITE POWER SHIELD DEVICE SS5G SHALL NOT BE USED IN PLANT PROCESS APPLICATIONS THEY CAN BE USED IN NON-PROCESS APPLICATIONS, I.E. OFFICE BUILDING HVAC, AUXILIARY BOILER PROCESS, ETC	BULL 77-001 EF2-64111 OTH 91-059, PS,2471, AND SEN 86 DER 96-0224 OER 96-050 OTH 96-034 CARD 03=23448	38
ITT	ITT CONOFLOW GT25 I/P TRANSDUCER, GT25CA1826, GT25FA1826, GT45CA1826, GT45FA1826, GT65CA1826, GT65FA1826	10CFR21 NOTE (10/13/00)	
ITT BARTON	DP INDICATING SWITCHES MODEL WITH A"-1" DESIGNATION MODELS 580A-1, 580-1, 581-1, 581A-1, 583A-1	10CFR21 (3-29-93)	
ITT CANNON	PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; BENDIX PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; GULTON INDUS PIN & SOCKET TYPE CONNECTORS W/METAL SHELL & SCREW COUPLINGS; ITT CANNON	BULL 77-005 AND BULL 77-005A BULL 77-005 AND BULL 77-005A BULL 77-005 AND BULL 77-005A	
ITT GRINNEL	ITT GRINNEL HYDRAULIC SNUBBERS	CIRC 76-005	
J & S MACHINE AND VALVE	J & S MACHINE AND VALVE, VALVES	IN 92-56, IN 93-73, DER 92-0540, DER 93-0599	
JOHN CRANE	JOHN CRANE CHECK VALVES	SER 11-80	
JOHNSON YOKOGAWA	YS-80 PROGRAMMABLE INDICATING CONTROLLERS MODELES SPLC, SLMC, SCMS AND SPLR	NOTE 92-31 AND NOTE 87-66	
KEROTEST	KEROTEST Y-PATTERN PACKLESS METAL DIAPHRAM GLOBE VALVES KEROTEST Y-PATTERN PACKLESS METAL DIAPHRAM GLOBE VALVES	NOTE 88-013 NOTE 88-013	

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KEROTEST	KEROTEST (K085) 2 INCH Y-TYPE SERIES 1513 CHECK VALVES	10CFR21 NOTE (10/1/97) CARD 97-11226
K-600S	ABB LOW VOLTAGE AC CIRCUIT BREAKERS (K-LINE, K-600S) WITH SOLID STATE TRIPPING DEVICE	10CFR21 NOTE (6/9/97) DER 97-1143
K-LINE	ABB LOW VOLTAGE AC CIRCUIT BREAKERS (K-LINE, K-600S) WITH SOLID STATE TRIPPING DEVICE	10CFR21 NOTE (6/9/97) DER 97-1143
KLOCKNER-MOELLER	KLOCKNER-MOELLER MODELS NZM6, NZM6B, AND NZMH6 MOLDED CASE CIRCUIT BREAKERS RATED 100 AMPS OR LESS.	NOTE 93-22
LEVEL SWITCH	GENERAL ELECTRIC FLOAT TYPE LEVEL SWITCH PART NO. 159C94361 AND 184C4776 MERCROID/DWYER PRESSURE, LEVEL OR TEMPERATURE CONTROLS CP-4132 LEVEL SWITCH	SIL 34-83 DER 96-1340 OER 96-119
LEXAN	WILCO LEXAN HOSE MODEL HN-4-L NOZZLE.	OTH 93-045 & DER 93-0467
LIBERTY CONTROL	LIBERTY CONTROL COMPANY TELEPHONE RELAYS	SER 34-83
LIMIT SWITCH	NAMCO D240 OX LIMIT SWITCH NAMCO D240 OX LIMIT SWITCH NAMCO MODEL EA-180 LIMIT SWITCH NAMCO MODEL EA-740 MAINTAINED LIMIT SWITCH NAMCO MODEL EA-750 MAINTAINED LIMIT SWITCH SNAP LOCK EA -170-302-LIMIT SWITCH SNAP LOCK EA 170-302 LIMIT SWITCH	BULL 78-004 BULL 78-001B BULL 79-028 TB 9301 DER 93-0684 TB 9301 DER 93-0684 BULL 78-004 BULL 79-001B
LIMITORQUE	LIMITORQUE OPERATORS; TYPE SB AND SBD-00 LIMITORQUE DC MOTORS WITH RH INSULATION FOR TYPE SMB ACTUATORS LIMITORQUE REPLACEMENT MOTOR PINIONS	SER 45-83 10CFR21 NOTE (11/3/88) 10CFR21 NOTE (3/20/90)
LIMITORQUE	RELIANCE 3-PHASE LIMITORQUE CORP. ACTUATOR MOTORS	DER 93-0308 10CFR21 CONDITION (5/13/93)
LITTON-VEAM	LITTON-VEAM CIR SERIES MULTI-PIN ELECTRICAL CONNECTORS	NOTE 89-23
LOVEJOY COUPLINGS	FLEXIBLE LOVEJOY COUPLINGS	SER 16-81
LOCKNUTS	CADMIUM PLATED FLEXLOC LOCKNUTS SHALL NOT BE USED IN APPLICATIONS WHERE TEMPERATURE EXCEEDS 450 DEGREES F.	VENDOR INFO
LUXFER	COMPOSITE TYPE AIR CYLINDERS INCL. HOOP-WRAPPED ALUMNUM 4500 PSI LUXFER	NOTE 84-34
MALCOLM FOUNDRY	VALUE YOKES SUPPLIED BY MALCOLM FOUNDRY	BULL 80-021
MALE BRANCH TEE	SWAGelok SS-400-3-4TMM TUBE FITTING	10CFR21 NOTE (10/6/99)

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MARATHON	MARATHON 6000 SERIES EXPOSED TERMINAL BLOCKS	CARD 99-17602 BULL 78-002	
MERCOID	MERCOID/DWYER PRESSURE, LEVEL OR TEMPERATURE CONTROLS MODEL CP-4132 LEVEL SWITCH	DER 96-1340 OER 96-119	
MERCOID/DWYER	MERCOID/DWYER PRESSURE, LEVEL OR TEMPERATURE CONTROLS MODEL CP-4132 LEVEL SWITCH	DER 96-1340 OER 96-119	
MERCURY	DEVICES CONTAINING MERCURY INSTUMENTS AND/OR EQUIPMENT CONTAINING MERCURY OR MERCURY COMPOUND MERCURY COMPONENTS MERCURY TYPE PRESSURE SWITCHES	SPEC 3071-300-A, ART.403.3-b5 SPEC 3071-031-J, APP.D, ART. 7.6.7 SPEC 3071-285-A, ART.11.3.4. SPEC 3071-278-A, ART. 10.D	
METERS	WESCHLER MODEL 252 SWITCHBOARD METERS	NOTE 93-23	
MESKER	MESKER D AND H PYROMATIC DOOR CLOSERS	CIRC 78-004	
MILLER, RAY	RAY MILLER INC. ANY PRODUCT	BULL 83-007	
MOCK MANUFACTURING INC (MMI)	ALL COMPONENTS MANUFACTURED BY MOCK MANUFACTURING INC (MMI) NOTE: ALSO AFFECTS MMI AFFILIATE OVERBEKE-KAINE MANUFACTURING INC. (O-K)	NOTE 91-21	
MODEL, 2100C RECORDER	THERMO WESTRONICS MODEL 2100C RECORDER SERIAL NUMBERS 2100C1824, 2100C1827, THROUGH 210001835, TOTAL TEN RECORDERS. THESE RECORDERS WITH THE LISTED SERIAL NUMBERS SHOULD NOT BE USED AT FERMI 2. ALSO ANY 2100C RECORDERS MANUFACTURED BETWEEN AUGUST 2002 AND JANUARY 2003 SHOULD NOT BE USED AT FERMI-2.	10CFR21 (7/21/2003) CARD 03-18613	38
MOLDED CASE CIRCUIT BREAKERS	KLOCKNER-MOLLER MODELS NZM6, NZM6B, NZMH6 MOLDED CASE CIRCUIT BREAKERS RATED 100 AMPS OR LESS	NOTE 93-22	
MOTOR	LIMITORQUE DC MOTORS WITH RN INSULATION FOR TYPE SMP ACTUATORS	10CFR21 NOTE (11-3-88)	
MOTOR	RELIANCE 3-PHASE LIMITORQUE CORP ACTUTATOR MOTORS	DER 93-0308 10CFR21 CONDITION (5/13/93)	
MOTOR CONTROL CENTER	GENERAL ELECTRIC MOTOR CONTOL CENTERS	BULL 74-013	
MOTOR STARTED	GENERAL ELECTRIC NEMA SIZE 2 MOTOR STARTER, TYPE CR206D	CIRC 78-009	
MSIV	ATWOOD AND MORRILL MAIN STEAM ISOLATION VAVLE (MSIV)	10CFR21 NOTE (4/27/93) DER 93-0299	
MSIV	AVCO MSIV PNEUMATIC MANIFOLDS SPARE PARTS KITS	10CFR21 NOTE (10/18/96) DER 96-1428	
MSIV	AUTOMATIC VALVE CORPORATION (AVCO), 4-WAY PNEUMATIC VALVES FOR GE MSIVS	10CFR21 NOTE (6/6/02) CARD 02-12517	
MULTIMETER	FLUKE MODEL 77 SERIES II DIGITAL MULTIMETERS	LER-92-002	
NAMCO	NAMCO LIMIT SWITCH D240 OX NAMCO LIMIT SWITCH D240 OX	BULL 78-004 BULL 79-001B	

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Part Type	Notes	Documents
	NAMCO LIMIT SWITCH MODEL EA-180 NAMCO MAINTAINED LIMIT SWITCH MODEL EA-740 & EA-750	BULL 79-028 DER 93-0684 TB 9301
NEOPRENES	BENDIX/AMPHENOL CONNECTOR WITH A NEOPRENE INSERT MODEL MS3106A-10SL-3S	CARD 00-14018
NORGREN R18	NORGEN R18EMD PRESSURE REGULATING VALVES ON EMERGENCY DIESEL GENERATORS (EDGS)	10CFR21 NOTE (7/31/02) CARD 02-12709
NUTS	LEVELING NUTS WIRE NUTS CADMIUM PLATED FLEXLOC LOCKNUTS, BOLTS SCREWS AND NUTS FABRICATED FROM ASTM/ASME A/SA 453 Gr. 660 (ALSO KNOWN AS ALLOY A 286 SHALL NOT BE USED APPLICATIONS WHERE PEAK TENSILE STRESS IN THE FASTENER EXCEEDS 100 KSI OR IN APPLICATIONS WHERE TEMPERATURE EXCEEDS 450 DEGREES F.	SPEC 3071-226-D, ART.3.3.1 SPEC 3071-303, ART. 608, STO-EA-205 DER 94-0485 NRC IN 90-68
OMEGA	OMEGA SPRINKLER HEADS MANUFACTURED BETWEEN 1983 AND JUNE 1996 FOR MODELS C-1, C01A, R-1, R-1A, R-1M, EC-20A, MODEL M UPRIGHT, MODLE M PENDENT, MODLE M SIDEWALL, HEC-12, HEC-20, PROHIBITOR C-1A, PROHIBITOR EC-20A, PROHIBITOR HEC-12 FLOW CONTROL PENDENT FLUSH, FLOW CONTROL PRNDENT SPRINKLER HEADS - WILL NOT BE USED AT FERMI 2.	CARD 97-10519 IN 97-72
OPERATORS	LIMITORQUE OPERATORS TYPE SB-00 AND SBD-00	SER 45-83
OVERBEKE-KAINE	ALL COMPONENTS MANUFACTURED BY MOCK MANUFACTURING, REPLACEMENT HARDWARE FOR WATERTIGHT DOORS NOTE: ALSO AFFECTS MMI AFFILIATE OVERBEKE-KAINE MANUFACTURING (O-K)	NOTE 91-21
PACIFIC SCIENTIFIC	PACIFIC SCIENTIFIC PSA-35 SNUBBERS	10CFR21 NOTE (10/8/96) DER 96-1286
PENETRATION	BUNKER-RAMO CONTAINMENT PENETRATION ASSEMBLIES GENERAL ELECTRIC SERIES 100 CONTAINMENT ELECTRICAL PENETRATIONS	BULL 82-004 BULL 77-007
PIPING	PLASTIC TUBING AND PIPING STAINLESS STEEL PIPING 312TP316H	SPEC SECTION MESS, 3.1.C, ART.2.26 10CFR50.55(e), ITEM 62
PLUG VALVE	XOMOX OR ATWOOD & MORRILL TUFLINE SLEEVED PLUG VALVES	DER 94-0133 10CFR21 NOTE (3/11/94)
POTTER & BRUMFIELD	POTTER AND BRUMFIELD TYPES MDR 137-8 AND 138-8 VDC RELAYS POTTER AND BRUMFIELD TYPES MDR SERIES RELAYS POTTERAND BRUMFIELD MDR ROTARY RELAYS - SHALL NOT BE USED AT FERMI 2	SER 04-83 SEN 60-89 DER 97-1372
POWER SHIELD	ABB POWER SHIELD	10CFR21 NOTE (11/20/02) CARD 02-19244

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POWER SHIELD TRIP DEVICE	ABB RELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G SS5G) THE POWER SHIELD DEVICE SS5G SHALL NOT BE USED IN PLANT PROCESS APPLICATIONS. THEY CAN BE USED IN NON-PROCESS APPLICATIONS, I.E. OFFICE BUILDING HVAC AUXILIARY BOILER PROCESS, ETC.	DER 96-0224 OER 96-050 DER 896-034 CARD 03-23448	38
PRESSURE	ROSEMOUNT TRANSMITTERS WITH MONEL ALLOY 400 ISOLATING DIAPHRAGMS	DM 95-080	
PRESSURE REGULATOR VALVE	NORGEN R18EMD PRESSURE REGULATING VALVES ON EMERGENCY DIESEL GENERATORS (EDGS)	10CFR21 NOTE (7/31/02) CARD 02-12709	
PRESSURE TRANSMITTER	ROSEMOUNT PRESSURE TRANSMITTER	10CFR21 NOTE (8/30/02) CARD 02-12708	
PRESSURE TRANSMITTER	ROSEMOUNT MODEL 1153B ALPHALINE NUCLEAR PRESSURE TRANSMITTER	10CFR21 NOTE (1/11/99) CARD 99-10379	
PRESSURE SWITCH	ASCO TRI-POINT PRESSURE SWITCHES SERIES SA#0A (# DENTIES ASSEMBLY SIZE) CUSTOM CONTROLS SENSORS PRESSURES SWITCHES MODELS 604 AND 646 WILL NOT BE USED IN SAFETY-RELATED APPLICATIONS TRI-POINT PRESSURE SWITCHES SERIES SA#0A (# DENOTES ASSEMBLY SIZE) MERCOID/DWYER PRESSURE, LEVEL OR TEMPERATURE CONTROLS MODEL CP-4132 LEVEL SWITCH	OE-4376 OTH 90-050 OE-4192 OE-4376 DER 96-1340 OER 96-119	
PRINTED CIRCUIT BOARD	THERMO-ELECTRON, WESTONICS PRINTED CIRCUIT ASSEMBLY (PCA) CB100295 REVISION A AND B	CARD 04-20303 10CFR21 NOTE (3/25/04) (2004-006-00) OE 17997	38
PSA-35	PACIFIC SCIENTIFIC PSA-35 SNUBBERS	10CFR21 NOTE (10/8/96) DER 96-1286	
PTK	PTK MECRO SWITCHES DEEP SHAFT PUMPS; BYRON-JACKSON, INGERSOLL-RAND, BINGHAM-WILLIAMETTE HAYWARD TYLER PUMP COMPANY PUMPS AND SPARE PARTS SIEMENS-ALLIS PUMPS	SER 33-83 PUMPS BULL 79-015 BULL 83-005 SER 65-83	
PVC	PVC INSULATED WIRE AND/OR MATERIALS PVC JACKETED CABLE PVC MATERIAL	SPEC 3071-309, ART.201(a)3 CIRC 76-006 SPEC 3071-295-A, ART.e.2	
PYROMATIC	MESKER D AND H PYROMATIC DOOR CLOSERS	CIRC 78-004	
RADIX WIRE COMPANY	RADIX WERE COMPANY TEMPERGARD FZ-101 HIGH TEMPERATURE MULT-CONDUCTOR CABLES SHALL NOT BE USED AT FERMI 2.	DER 94-0620	
RAM METER	REPLACEMENT INSTRUMENT METERS FOR GENERAL ELECTRIC AMMETERS, VAR METERS WATT METERS, AND VOLT METERS THAT HAVE PART NUMBERS WHICH START	OE 3138	
RAYCHEM	CRYOFIT COUPLINGS	NOTE 91-87	

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RAYCHEM	RAYCHEM WCSF-070N HEAVY WALL, FLAME-RETARDED NUCLEAR CABLE SLEEVES	DER 94-0729 10CFR21 NOTE (11/22/94)	
RCA	RCA TRANSISTORS TYPE 2N2405 AND 2N5415 MANUFACTURED PRIOR TO 1982	SEN 85	
RDF CORPORATION	RESISTANCE TEMPERATURE DETECTOR (RDTs)	OTH 89-072	
RECORDER	WESTRONICS RECORDER MODEL 2100C SERIES	DER 93-0627 10CFR21 NOTE (9/28/93)	
RECORDER	THERMO WESTRONICS MODEL 2100C RECORDER SERIAL NUMBERS 2100C1824, 2100C1827 THROUGH 2100C1835, TOTAL TEN RECORDERS. THESE RECORDERS WITH THE LISTED SERIAL NUMBERS SHOULD NOT BE USED AT FERMI 2. ALSO ANY 2100C RECORDERS MANUFACTURED BETWEEN AUGUST 2002 AND JANUARY 2003 SHOULD NOT BE USED AT FERMI 2.	CARD 03-18613 10CFR21 (7/21/03)	38
RECORDER	THERMO ELECTRON WESTONICS PRINTED CIRCUIT ASSEMBLY (PCA) CB100295 REVISION A AND B	CARD 04-20303 10CFR21 NOTE (3/25/04) (2004-006-00) OE 17997	38
RECTIFIER	INTERNATION RECTIFIER MODERL NO 35MB40A (TARGET ROCK PART NO 203129-1)	OTH 92-024	
RELAYS	ABB TYPE RXMH2 HEAVY DUTY AUXILIARY RELAYS ABB TIMER RELAY MODEL ITE-62L ABB POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G) ITE POWER SHIELD DEVICE SS5G SHALL NOT BE USED IN PLANT PROCESS APPLICATIONS. THEY CAN BE USED IN NON-PROCESS APPLICATIONS, I.E. OFFICE BUILDING HVAC AUXILIARY BOILER PROCESS, ETC. AGASTAT 7000 TIME DELAY RELAYS AGASTAT E7000 SERIES TIMING RELAYS AGASTAT E7012PC RELAY AGASTAT GP RELAYS AGASTAT RELAY BASE CR0095 C.P. CLARE MERCURY WETTED MATRIX RELAYS, MODEL HG2X-1011 C.P. CLARE MERCURY WETTED MATRIX RELAYS, MODEL HG2X-1011 CUMMINS TYPE 118848 MAGNETIC SWITCH; CUMMINS TYPE 199573 DC RELAY CONTACTOR CUTLER-HAMMER TYPED M CATALOG NUMBER D23NRD DC RELAYS GENERAL ELECTRIC HFA LATCHING-TYPE RELAYS	OTH 91-038 OTH 92-053-ABB DER 96-0224 CARD 03-23448 OER 96-050 OTH 96-034 NOTE 92-24 AND NOTE 87-66 10CFR50.55(e), ITEM 54 DER 96-1101 SER 68-82 SER 71-82 BULL 80-019 SER-39-89 CIRC 79-013 BULL 78-006 BULL 88-003	38
RELAYS	GENERAL ELECTRIC HFA RELAYS WITH NYLON OR LEXAN COILS GENERAL ELECTRIC HFA RELAYS MANUFACTURED PRIOR TO SEPTMEBER 1988 GENERAL ELECTRIC RELAYS CR120A GENERAL ELECTRIC TYPE HMA AUXILIARY RELAYS GENERAL ELECTRIC TYPE HFA, HGA, PVD21B, AND PVD21D RELAYS GENERAL ELECTRIC TYPE STD TRANSFORMER DIFFERENTIAL RELAYS GENERAL ELECTRIC TIME DELAY RELAYS, TYPE CR 2820 GENERAL ELECTRIC HEA RELAY AND SB SWITCHES GENERAL ELECTRIC HGA RELAYS MANUFACTURED DURING PERIOD 1/89 TO 6/91 ITE PNEUMATIC TIME DELAY, IMPERIAL CATALOG #J20T3/JB12-P20 & J20T3/P13-P30	BULL 84-002 NOTE 88-69 BULL 78-001 DER 88- 1616 SER 34-83 NOTE 88-14 BULL 76-003 SIL 230 REV 2 DER 95-0404 SAL 203.1 DER 96-1856 BULL 77-001	

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	ITE/GOULD.TELEMECANIQUE TYPE J-10 RELAYS LIBERTY CONTROL COMPANY TELEPHONE RELAYS METER OPERATED RELAYS POTTER AND BRUMFIELD TYPES MDR 137-8 AND 138-8 VDC RELAYS POTTER AND BRUMFIELD TYPE MDR SERIES RELAYS POTTER AND BRUMFIELD MDR TORARY RELAYS SYLVANIA TYPE PM RELAYS WESTINGHOUSE BD (AC) AND BFD (DC) RELAYS WESTINGHOUSE MODEL SA-1, DIFFERENTIAL RELAYS WESTINGHOUSE MODEL SA-1, DIFFERENTIAL RELAYS WESTINGHOUSE TYPE AR/ARD RELAYS WESTINGHOUSE TYPE BFD RELAYS WESTINGHOUSE TYPE Nbfd DC RELAYS GE - DO NOT ORDER GE CR120 SERIES RELAYS WITH 115 VAC COILS. ORDER THE CR 120 SERIES RELAYS WITH 115-120 VAC COILS AFTER DATE CODE VA135& AFTER 35 TH WEEK IN 2001 THAT ARE RATED AT 120 VAC 60 HZ.	OTH 91-059, PS-2471 AND SEN 86 SER 34-83 SPEC 3071-019-A, ART.5.6.5.10 SER 04-83 SEN 60-89 DER 97-1372 CIRC 79-020 CIRC 76-002 NOTE 83-63 SER 18-84 BULL 77-002, NOTE 88-88, NOTE 91-45 BULL 76-005, NOTE 91-45 NOTE 91-45 CARD 02-16838 DER 94-0333 SIL 229 SUPP 1
RELAY	WESTINGHOUSE/ASEA BROWN-+/ BOVERI, ABB POWER CV-2, CV-4, CV-6, CV-7, AND CV-8 RELAYS WITH TELEPHONE COILS	10CFR21 NOTE (6/27/94) DER 94-0401
RELAY	FOXBORO CONTACT OUTPUT ISOLATOR AND / OR N0152CK SPARE RELAYS	10CFR21 NOTE (9/13/99) CARD 99-17136
RELAYS	GENERAL ELECTRIC TYPE CR120AD RELAYS	10CFR21 NOTE (6/12/97) CARD 97-11225
RELAYS	WESTINGHOUSE AR/ARD RELAYS	10CFR21 NOTE (6/2/99) CARD 99-15502
RELIANCE	RELIANCE 3-PHASE LIMITORQUE CORP ACTUATOR MOTOR	DER 93-0308 10CFR21 CONDITION (5/13/93)
RELIEF	DRESSER INDUSTRIAL TYPE 1982 PRESSURE RELIEF VALVES	OTH 92-011
RESISTANCE TEMPERATURE DETECTOR	PYCO RESISTANCE TEMPERATURE DETECTORS (RTDS)	10CFR21 NOTE (10/6/97) CARD 97-10511)
RESPIRATIONS	ROBERTSHAW COMPANY RESPIRATOR MODEL RAM-5	NOTE 84-56
REVERSING CHAMBER	DRESSER RAND REVERSING CHAMBER	CARD 00-10231 OE 11174
RMS-9	GE AK-25 CIRUCIT BREAKER	DER 93-0496 10CFR21 NOTE (8-23/93)
ROBERTSHAW	ROBERTSHAW COMPANY RESPIRATOR MODEL RAM-5	NOTE 84-56

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ROCKBESTOS CABLE	ROCKBESTOS COAXIAL CABLE, TYPE RSS-6 SERIES 100 THRU 112	SER 07-82
ROCKWELL	ROCKWELL INTERNATIONAL ROCWELL EDWARDS BLOBE VLV#3624 & /OR STEM DISC ASSEM.	
ROSEMOUNT	ROSEMOUNT 510 DU TRIP UNITS ROSEMOUNT TRANSMITTERS W/MONEL ALLOY 400 ISOLATIONG DIAPHRAGM 10CFR50.55(e), ITEM 75 ROSEMOUNT MODEL 1151 & 1152 TRANSMITTERS W/"A" AND "D" OUTPUT AMPLIFIERS ROSEMOUNT MODEL 1153 SERIES B&D AND MODEL 1154 TANSMITTERS ROSEMOUNT TRANSMITTER MODEL 1152GP9	10CFR50.55(e), ITEM 75 OTH 95-16 DM 95-080 CIRC 80-016 BULL 90.01 10CFR21 NOTE (5/4/93) DER 93-0268
ROSEMOUNT	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353C1 CONDUIT SEALS	10CFR21 NOTE (9/20/96) DER 96-1222
ROSEMOUNT	ROSEMOUNT MODEL 1153B ALPHALINE NUCLEAR PRESSURE TRANSMITTER	10CFR21 NOTE (1/11/99) CARD 99-10379
ROSEMOUNT	ROSEMOUNT 510/710DU TRIP/CALIBRATION UNITS	10CFR21 NOTE (6/18/99) CARD 99-15134
ROSEMOUNT	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353C1 CONDUIT SEALS	10CFR21 NOTE (2/1/01) CARD 01-10530
ROSEMOUNT	ROSEMOUNT PRESSURE TRANSMITTER	10CFR21 NOTE (8/30/02) CARD 02-12708
ROTARY	POTTER & BRUMFIELD SERIES "MDR" ROTARY RELAYS	DER 97-1372
ROTORK CONTROLS	ROTORK CONTROLS, INC TPE NAI ELECTRIC VALVE ACTUATOR	10CFR21 NOTE(6/10/02) CARD 02-14692
RTDs	RDF CORPORATION WELLSMOUNTED RTDs	OTH 89-072 SER 03-82
RTD	PYCO RESISTANCE TEMPERATURE DETECTORS (RTDS)	10CFR21 NOTE (10/6/97) CARD 97-10511)
SAFETY RELIEF VALVES	COSBY SRV STYLES HB-65-DF AND HB-65-BP	RICSIL 044
SATIN AMERICAN CORP	SATIN AMERICAN CORP, CIRCUIT BREAKERS	IN 89-4, IN 93-73, DER 89-0619, DER 93-05
SB SWITCHES	GENERAL ELECTRIC HEA RELAY AND SB SWITCHES	DER 95-0404 SAL 203.1
SCHUTTE & KOERTING	SCHUTTE & KOERTING 3 INCH 600 POUND MOTOR OPERATED VALVES SHUTTE & KOERTING SWING CHECK VALVES	SER 45-80
SCREWS	CADMIUM PLATED FLEXLOC LOCKNUTS, BOLTS SCREWS AND NUTS FABARICATED FROM ASTM/ASME A/SA 453 Gr. 660 (ALSO KNOWN AS ALLOY A286) SHALL NOT BE USED IN APPLICATIONS WHERE TEMPERATURE EXCEEDS 450 DEGREES F.	DER 94-0485 NRC IN 90-68

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Part Type	Notes	Documents
SEALS	CLOSURE SEALS; CARBON STEEL CONTACTING STAINLESS STEEL CLOSURE SEALS; HARD BRASS OR BRONZE MATERIAL CLOSURE SEALS; PAPER TAPE CONTACTING METAL SURFACE CLOSURE SEALS; PAPER, CARDBOARD, OR SIMILAR MATERIAL CLOSURE SEALS; ZINC, ZINC-PLATED, GALVANIZED METAL, LEAD, TIN, OR CADMIUM	SPEC 3071-031-J, APP. D, ART. 4.3.5.2.6.4 SPEC 3071-029-C, APP. A, ART. 4.3.5.2.6.6 SPEC 3071-031-J, APP. D, ART. 4.3.5.2.6.1 SPEC 3071-031-J, APP. D, ART. 4.3.5.2.6.1 SPEC 3071-031-J, APP. D, ART. 4.3.5.2.6.5
SENTRY EQUIPMENT	SENTRY EQUIPMENT	10CFR21 NOTE (2/17/98) CARD 98-12579
SERIES 1513	KEROTEST (K085) 2 INCH Y-TYPE SERIES 1513 CHECK VALVES	10CFR21 NOTE (10/1/97) CARD 97-11226
SHANXI PROVINCE OVERSEAS TRADING CORPORATION		NOTE 92-68
SHIMS	ALUMINUM SHIMS	SPEC 3071-029-C, ART. 7.3
SHOCK SUPPRESSORS	BERGEN-PATTERSON HYDRAULIC SHOCK SUPPRESSORS	BULL 75-005
SIEMENS-ALLIS	SEIMENS-ALLIS PUMPS	SER 65-83
SKW-MBT	SKW-MBT EMBECO 636 GROUT	10CFR21 NOTE (2/13/01) CARD 01-10531
SNAPLOCK	SNAPLOCK LIMIT SWITCH EA-170-302 SNAPLOCK LIMIT SWITCH EA-170-302	BULL 78-004 BULL 79-001B
SNUBBER	BERGEN-PATTERSON HYDRAULIC SNUBBER TEST STAND ITT GRINNEL HYDRAULIC SNUBBERS INC MECHANICAL SNUBBERS	CIRC 78-007 CIRC 76-005 SER 22-81
SNUBBER	PACIFIC SCIENTIFIC PSA-35 SNUBBERS	10CFR21 NOTE (10/8/96) DER 96-1286
SOLDERED	SOLDERED TERMINAL CONNECTIONS SOLDERED TUBE HEAR EXCHANGERS	SPEC 3071-314, ART. 12.3.2 CIRC 80-011
SOLENOIDS	ASCO SOLENOIDS MODELS 206 ASCO SOLENOID SERIES 8300-C AND 8302-C ASCO SOLENOIDS SERIES NP 8314 ASCO SOLENOID SERIES 8302-C VALVE IS INSTALLED ON A NON-SAFETY RELATED VALVE G33F033. WHEN REPLACED IT WILL REQUIRE A SUBSTITUTE SOLENOID VALVE.	OE 4716, OE 4819 BULL 75-003 SEN 52
SOLENOID OPERATED VALVES	AVCO MSIV PNEUMATIC MANIFOLDS SPARE PARTS KITS	10CFR21 NOTE (10/18/96) DER 96-1428
SOLENOIDS	ASCO SOLENOIDS SERIES NP 8323 ASCO SOLENOIDS VALVES PART NUMBER V70900-21-1 AND V70900-21-3	OE 3513 BULL 80-023
SPEED SWITCHES	COLTEC INDUSTRIES EDG SYNCHRO-START ESSB-4AT (MODEL SA2110), ESSB-3AT AND ESSB-2AT SPEED SWITCHES.	10CFR21 NOTE (2/16/99) CARD 99-10877

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SPLICE	WIRE SPLICES WIRE SPLICES	SPEC 3071-246-A, ART. 3.22 SPEC 3071-251, SECTION 3
SPRINKLER HEAD	STAR MODEL QE SPRINKLER HEADER OMEGA SERIES SPRINKLER HEADS	SER 43-83 CARD 97-10519 IN 97-72
SQUARE D	CO AND 00 AMPERE TYPE QMB SWITCHES	OTH 91-037
STAINLESS STEEL	STAINLESS STEEL PIPING, 312TP316H TYPE 416 STAINLESS STEEL STUDS	10CFR50.55(e), ITEM 62 SER 01-80
STAR MODEL	STAR MODEL QE SPRINKLER HEADER	SER 43-83
STARTER	CUTLER-HAMMER A200 NEMA SIZE 1 STARTER	10CFR21 NOTE (11/25/02) CARD 02-12732
STARTERS	GOULD NEMA SIZE 3 STARTERS AND CONTACTORS CULTERHAMMER STARTERS 'A10' SERIES NEMA SIZE, 1,2,3 MANUFACTURED BETWEEN 1/1/87 AND 5/15/89	CIRC 79-023 SEN 73
STATIC O-RING	STATIC O-RING DIFFERENTIAL PRESSURE SWITCH STATIC O-RING PRESSURE SWITCH MODELS BEGINNING 1,4,5,6,8,9,12 AND 54; AND HAVING KAPTO DIAPHRAGMS STATIC O-RING NUCLEAR-QUALIFIED VACCUUM SWITCHES MODEL NUMBERS STARTING WITH 54N6, 54TA, 52N6 OR 52TA AND ENDING WITH JJTXX6, JJTXX7, JJTXX13 OR JJTXX14	BULL 83-002 NOTE 87-16 OTH 93-020 DER 93-0225
STRAINERS	STRAINERS	SPEC 3071-326, ART. 302.9-c
STRUTS	BERGEN-PATTERSON PART 2540 STRUT ASSEMBLIES CORNER AND LADA SWAY STRUTS POWER STRUT SUPPORT MATERIAL	CIRC 79-025 SER 50-80 10CFR50.55(e), ITEM 55
STUDS	TYPE 416 STAINS STEEL STUDS	SER 01-80
SUPPORTS	"C" CLAMP TYPE PIPE SUPPORTS POWER STRUT SUPPORT MATERIAL	SPEC 3701-326, ART. 302.9-d 10CFR50.55(e), ITEM 55
SWAGELOK	SWAGELOK SS-1613-1 1-INCH STAINLESS STEEL FRONT FERRULES	10CFR21 NOTE (9/14/98) CARD 98-18327
SWAGELOK	SWAGELOK SS-503-1, SS-500-SET, AND SS-500-6-2BT STAINLESS STEEL FRONT FERRULES	10CFR21 NOTE (10/26/03) CARD 98-18358
SWAGELOK	SWAGELOK SS-400-3-4TTM TUBE FITTING	10CFR21 NOTE (10/6/99) CARD 99-17602
SWITCH	CUMMINS TYPE 118848 MAGNETIC SWITCH ; CUMMINS TYPE 199573 DC RELAY CIBTACTIR CUTLER-HAMMER SWITCH MODEL NUMVER 10250T4023 AND ALL	CIRC 79-013 BULL 74-015

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	<p>CUTLER-HAMMER 3-POSITION SWITCHES WITH MODEL NUMBER 102SOT</p> <p>GENERAL ELECTRIC FLOAT TYPE LEVEL SWITCH PART NO. 159C4361 AND 184C4776</p> <p>ITT BARTON MODEL 580A-1, 580-1, 581-1, 583-1, 583A-1 DP INDICATING SWITCHES</p> <p>HONEY WELL INCORPORATED PUSHBUTTON SWITCHES MERCURY COMPONENTS MERCURY TYP PRESSURE SWITCH NAMCO D240 OX LIMIT SWITCH NAMCO D240 OX LIMIT SWITCH NAMCO LIMIT SWITCH MODEL EA-180 PTK MICRO SWITCHES SNAPLOCK LIMIT SWITCH EA-170-302 SNAPLOCK LIMIT SWITCH EA-170-302</p>	<p>SIL 531</p> <p>SIL 155</p> <p>10CFR21 (3-29-93)</p> <p>CIRC 81-001 SPEC 3071-285-A, ART.11.3.4 SPEC 3071-278-A, ART. 10.D BULL 78-004 BULL 79-001B BULL 79-028 SER 33-83 BULL 78-004 BULL 79-001B</p>
	<p>SQUARE D 60 AND 100 AMPERE TYPE QMB SWITCHES</p> <p>STATIC O-RING DIFFERENTIAL PRESSURE SWITCHES MODELS 102 AND 103</p> <p>STATIC O-RING NUCLEAR QUALIFIED VACUUM SWITCHES MODEL NUMBERS STARTING WITH 54N6,54TA, 52N6, OR 52TA AND ENDING WITH JJTTX6, JJTT7, JJTTX13</p> <p>STATIC O-RING PRESSURE SWITCH MODELS BEGINNING WITH 1,4,5,6,8,9,12, AND 54; AND HAVE KAPTON DIAPHRAGMS</p> <p>WESTINGHOUSE TYPE FDP SWITCHES CATALOG #FDPF- C2211 WESTINGHOUSE TYPE OT-2 CONTROL SWITCHES WESTING HOUSE TYPE W-2 CONTROL SWITCH WESTING HOUSE TYPE W-2 CONTROL SWITCHES WESTING HOUSE TYPE W-2 CONTROL SWITCHES WESTING HOUSE TYPE W-2 CONTROL SWITCH</p> <p>BARTON SWITCHES WITH SERIAL NUMBERS LESS THAN 40,920 FOR MODEL 288A AND LESS THAN 16,421 FOR MODEL 289A SHALL NOT BE ORDERED PER CARD 02-12424</p>	<p>OTH 91-037</p> <p>BULL 86-002</p> <p>OTH 93-020</p> <p>NOTE 87-16</p> <p>10CFR50.55(e), ITEM 24 BULL 75-006 BULL 74-006 BULL 80-020 NOTE 87-61 SPEC 3071-019-A, ART.5.6.5.7</p> <p>BARTON ADVISORY 3/14/2002 CARD 02-12488 CARD 02-12424</p>
SWITCHBOARD METER	WESCHLER MODEL 252 SWITCHBOARD METERS	NOTE 93-23
SWITCHGEAR	<p>ALLIS-CHALMERS SWITCHGEAR GENERAL ELECTRIC METAL CLAD SWITCHGEAR WESTINGHOUSE SWITCHGEAR</p>	<p>SER 37-81 CIRC 79-017 BULL 73-001</p>
SWITCHGEAR	<p>WESTINGHOUSE SWITCHGEAR WESTINGHOUSE SWITCHGEAR WESTINGHOUSE SWITCHGEAR WESTINGHOUSE SWITCHGEAR</p>	<p>BULL 79-011 BULL 83-001 BULL 83-004 BULL 83-008</p>
SWITCHGEAR	ABB ITE 5HK BREAKERS / SWITCHGEAR STATIONARY SECONDARY DISCONNECT CONDUCTOR STRIPS	10CR21 NOTE (9/19/95) DER 95-0853

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SYLVANIA	SYLVANIA TYPE PM RELAYS	CIRC 79-020	
TAIN GONG COMPANY		NOTE 92-68	
TARGET ROCK	TARGET ROCK 2 INCH AND 6 INCH 1500 POUND GLOBE VALVE INTERNATIONAL RECTIFIER MODEL NO. 35MB40A	SER 02-80 OTH 92-024	
TAINWAN	ASTM & ASME PIPE GLAGES, TAIWAN FITTINGS AND FLANGES WILL NOT BE USED AT FERMI.	NOT 92-68 SUPP 1 DER 97-0569	
TELEMECANIQUE	ITE/GOULD/TELEMECANIQUE TYPE J-10 RELAYS	SEN 86, OTH 91-059, PS 2471	
TEMPERATURE SWITCH	MERCOID/DWYER PRESSURE, LEVEL, OR TEMPERATURE CONTROLS MODEL CP-4132 LEVEL SWITCH	DER 96-1340 OER 96-119	
TERMINAL	SOLDERED TERMINAL CONNECTIONS	SPEC 3071-314, ART. 12.3.2	
TERMINAL BLOCKS	BEAU PRODUCTS 76000 SERIES TERMINAL BLOCKS MARATHON 6000 SERIES EXPOSED TERINAL BLOCKS	10CFR50.55(e), ITEM 126 BULL 78-002	
TERRY TURBINE	DRESSER RAND REVERSING CHAMBER	CARD 00-10231 OE 11174	
TERRY TURBINE	TERRY TURBINE TRIP/THROTTLE VALVE SCREW SPINDLE	10CFR21 NOTE (10/22/01) CARD 01-17488)	
TILTING DISC	TILTING DISC CHECK VALVES	CIRC 78-002	
TIMES	EAGLE SIGNAL CONTROLS TIMERS MODEL HO-64A602	OTH 93-026	
THERMO ELECTRON	THERMO ELECTRON WESTONICS PRINTED CIRCUIT ASSEMBLY (PCA) CB100295 REVISION A AND B	CARD 04-20303 10CFR21 NOTE (3/25/04) (2004-006-00) OE 17997	38
THERMO WESTONICS	THERMO ELECTRON WESTONICS PRINTED CIRCUIT ASSEMBLY (PCA) CB100295 REVISION A AND B	CARD 04-20303 10CFR21 NOTE (3/25/04) (2004-006-00) OE 17997	38
TRANSDUCER	ITT CONOFLOW GT25 I/P TRANSDUCER, GT25CA1826, GT25FA1826, GT45CA1826, GT45FA1826, GT65CA1826, GT65FA1826	10CFR21 NOTE (10/13/00)	
TRANSISTOR	RCA TRANSISTORS TYPE 2N24505 AND 2N5415 MANUFACTURED PRIOR TO 1982	SEN 85	
TRANSMITTERS	FOXBORO 10-50 MA RANGE TRANSMITTERS FOXBORO 10-50 MA RANGE TRANSMITTERS ROSEMOUNT MODEL 1151 & 1152 TRANSMITTERS W/"A" AND "D" OUTPUT AMPLIFIERS ROSEMOUNT TRANSMITTERS WITH MONEL ALLO 400 ISOLATING DIAPHRAGMS WEED INSTRUMENTS MODELS N-E11 AND N-E13 WITH 10-50 Ma OUTPUT ROSEMOUNT TRANSMITTER MODEL 1152GP9	CIRC 81-006 SER 63-81 CIRC 80-016 DM-95-080 SER 63-81 10CFR21 NOTE (5/4/93) DER 93-0268	
TRANSMITTERS	AMETEK AEROSPACE, BULTON STATHAM TRANSMITTERS	10CFR21 NOTE (1/25/02)	
TRIP DEVICE	ITE POWER SHIELD TRIP DEVICE MODEL SS5G ITE POWER SHIELD DEVICE SS5G SHALL NOT BE USED IN PLANT PROCESS APPLICATIONS THEY CAN BE USED IN NON-PROCESS APPLICATIONS, I.E., OFFICE BUILDING HVAC, AUXILIARY BOILER PROCESS, ETC.	EF2-64111 CARD 03-23448	38

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TRIP UNIT	ROSEMOUNT 510 DU TRIP UNITS	10CFR50.55(e), ITEM 75
TRIP UNIT	ROSEMOUNT 510/710DU TRIP/CALIBRATION UNITS	10CFR21 NOTE (6/18/99) CARD 99-15134
TRIP & THROTTLE VALVE	TERRY TURBINE TRIP/THROTTLE VALVE SCREW SPINDLE	10CFR21 NOTE (10/22/01) CARD 01-17488)
TRU-FLOW	ASTM & ASME PIPE FLANGES, TAINWAN FITTINGS AND FLANGES WILL NOT BE USED AT FERMI 2.	NOTE 92-68 SUPP 1 DER 97-0569
TUBE	HEAT EXCHANGER TUBES; 90-10 Cu Ni PLASTIC TUBING AND PIPING SOLDERED TUBE HEAT EXCHANGERS TUBE TURN FITTINGS TUBS WITH A BEND CENTER LINE RAII LESS THAN 1.5 TUBE DIA. PLUS 1/8 INCHES	SER 14-80 SPEC SECTION MSS, 3.1, ART.2.26 CIRC 80-011 CIRC 79-010 SPEC 3071-007, ART.11.G
TUBE FITTING	SWAGelok SS-1613-1 1-INCH STAINLESS STEEL FRONT FERRULES	10CFR21 NOTE (9/14/98) CARD 98-18327
TUBE FITTING	SWAGelok SS-503-1, SS-500-SET, AND SS-500-6-2BT STAINLESS STEEL FRONT FERRULES	10CFR21 NOTE (10/26/03) CARD 98-18358
TUBE FITTING	SWAGelok SS-400-3-4TTM TUBE FITTING	10CFR21 NOTE (10/6/99) CARD 99-17602
TUBING	PLASTIC TUBING AND PIPING	SPEC SECTION MSS, 3.1-C, ART.2.26
TUFLINE	XOMOX OR ATWOOD & MORRILL TUFLINE SLEEVED PLUG VALVES	DER 94-0133 10CFR21 NOTE (3/11/94)
TUNG TENG	ASTM & ASME PIPE FLANGES TAIWAN FITTINGS AND FLANGES WILL NOT BE USED AT FERMI 2.	NOTE 92-68, DER 97-0569
VALCOR	VALCOR SOLENOID VALVES PART NUMBER V70900-21-1 AND V70900-21-3	BULL 80-023
VALCOR	VALCOR V70900-65-11 AIR PILOT VALVES	10CFR21 NOTE (5/19/98) CARD 98-16000
VALVE	ANCHOR DARLING DOUBLE DISK GATE VALVES BORG-WARNER NUC. VALVE DIV. BW-NVD, 3" 1500 LB. MOTOR OPERATED GATE VALVES C & S DUAL PLATE CHECK VALVES WITH VITON SEATS COFFEYVILLE VALVE INC. FISHER BUTTERFLY VALVES TYPE 9200 FISHER CONTROL VALVES: SIZE 6" CLASS 600, TYPE EP SIZE 8" X 6", CLASS 600 AND CLASS 900, TYPE EWP SIZE 6", CLASS 900, TYPE SS-120 ALL TYPE AP, EP, EWP AND SS-120 CONTROL VALVES J & S MACHINE AND VALVE HAMMEL-DAHL CONOFLOW VALVES WITH TWO PIECE SHAFT BEARING INSERTS JOHN CRANE CHECK VALVES KEROTEST-Y-PATTERN PACKLESS METAL DIAPHRAM GLOBE VALVES	OE 3143 BULL 81-002 OTH 93-061 NOTE 92-56 SER 28-81 FAN 87-2 FAN 88-1 IN 92-56, IN 93-73, DER 92-0540, DER 93-0 OE-2963 SER 11-80 NOTE 88-013

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	<p>LIMOTORQUE LIMOTORQUE OPERATORS; TYPE SB 00 AND SBD-00</p> <p>LIMOTORQUE RN INSULATED DC MOTORS FOR TYPE SMB ACTUATORS</p> <p>CROSBY SRV STYLES HB-65 DF AND HB-65-BP</p> <p>ROCKWELL NTERNAT'L, ROCKWELL EDWARDS GLOBE VLV#3624 &/OR STEM DISC ASSEM. CROSS-REFERENCE INDEX TO THE RESTRICTED ENGINEERED COMPONENTS LIST</p> <p>SCHUTTE AND KOERTING 3 INCH 600 POUND MOTOR OPERATED VALVES SCHUTTE AND KOERTING SWING CHECK VALVES</p> <p>VALCOR SOLENOID VALVES PART NUMBER V70900-21-1 AND V70900-21-3 TARGET ROCK 2 INCH AND 6 INCH 1500 POUND GLOBE VALVES</p>	<p>SER 45-83</p> <p>10CFR21 NOTE (11/3/88)</p> <p>RICSIL 044</p> <p>SER 41-84</p> <p>SER 45-80 OTH 89-005</p> <p>BULL 80-023 SER 02-80</p>
VALVES	<p>TILTING DISC CHECK VALVES</p> <p>VELAN 2 1/2 INCH STOP CHECK VALVES</p> <p>VELAN 6 INCH, 600 POUND AND 8 INCH, 1500 POUND SWING CHECK VALVES</p> <p>VELAN 6 INCH, 600 POUND AND 8 INCH, 1500 POUND SWING CHECK VALVES</p> <p>VELAN SWING CHECK VALVES</p>	<p>CIRC 78-015</p> <p>SER 40-82</p> <p>SER 58-81</p> <p>SER 81-81</p> <p>BULL 79-004</p>
VALVES	<p>WESTINGHOUSE ELECTRTO-MECHANICAL DIVISION W-EMD 3 INCH VALVES</p> <p>DRESSER INDUSTRIAL TYPE 1982 PRESSURE RELIEF VALVES</p>	<p>BULL 81-002</p> <p>OTH 92-011</p>
VALVES	<p>ATWOOD AND MORRILL MAIN STEAM ISOLATION VALVE (MSIV)</p>	<p>10CFR21 NOTE (4/27/93)</p> <p>DER 93-0299</p>
VALVE SCREW SPINDLE	<p>TERRY TURBINE TRIP/THROTTLE VALVE SCREW SPINDLE</p>	<p>10CFR21 NOTE (10/22/01)</p> <p>CARD 01-17488)</p>
VALVE YOKES	<p>VALVE YOKES SUPPLID BY MALCOLM FOUNDRY COMPANY</p>	<p>BULL 80-021</p>
VAR METER	<p>GENERAL ELECTRIC VAR METERS THAT HAVE PART NUMBERS WHICH START WITH FIFTY</p>	<p>OE 3138</p>
VELAN	<p>VELAN 2 1/2 INCH STOP CHECK VALVES</p> <p>VELAN 6 INCH, 600 POUND AND 8 INCH, 1500 POUND SWING CHECK VALVES</p> <p>VELAN 6 INCH, 600 POUND AND 8 INCH, 1500 POUND SWING CHECK VALVES</p> <p>VELAN SWING CHECK VALVES</p> <p>BULL 79-004</p>	<p>SER 40-82</p> <p>SER 58-81</p> <p>SER 81-81</p>
VENDOR	<p>CAPITOL MANUFACTURING COMPANY, 1 INCH 3000 POUND STEEL CAPS</p> <p>SPS TECHNOLOGIES CANMIUM PLATED FLEXLOC LOCKNUTS</p>	<p>10CFR50.55(e), ITEM 77</p> <p>VENDOR INFO</p>
VITON	<p>C & S DUAL PLATE CHECK VALVES WITH VITON SEATS</p> <p>RAY MILLER, INC. ANY PRODUCT</p>	<p>OTH 93-61</p>
VOLT METER	<p>GENERAL ELECTRIC VOLT METERS THAT HAVE PART NUMBERS WHICH START WITH FIFTY</p>	<p>OE 3138</p>
VULKENS	<p>GENERAL ELECTRIC VULKENS 600 CABLE TYPE XHHW</p>	<p>BULL 74-013</p>
WATERTIGHT DOORS	<p>ALL COMPONENTS MANUFACTURED BY MOCK MANUFACTURING INC (MMI)</p>	<p>NOTE 91-21</p>

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	NOTE: ALSO AFFECTS MMI AFFILIATE OVER BEKE-KAINE MANUFACTURING INC (O-K)		
WATT METER	GENERAL ELECTRIC WATT METERS THAT HAVE PART NUMBERS WHICH START WITH FIFTY	OE 338	
WESCHLER	WESCHLER MODEL 252 SWITCHBOARD METERS	NOTE 92-33	
WESTINGHOUSE	WESTINGHOUSE AMPTECTOR DIRECT TRIP ATTACHMENT (DTA) FOR CIRCUIT BREAKERS WESTINGHOUSE DB & GE AK 2A WESTINGHOUSE ELECTRO-MECHANICAL DIVISION W-EMD 3 INCH VALVES WESTINGHOUSE MODEL SA-1 DIFFERENTIAL RELAYS WESTINGHOUSE MODEL SA-1 DIFFERENTIAL RELAYS WESTINGHOUSE RELAYS BF (AC) AND BFD (DC) WESTINGHOUSE RTDs MANUFACTURED BY RDF CORPORATION WESTINGHOUSE SWITCHGEAR WESTINGHOUSE SWITCHGEAR WESTINGHOUSE SWITCHGEAR WESTINGHOUSE SWITCHGEAR WESTINGHOUSE SWITCHGEAR WESTINGHOUSE TYPE AR/ARD RELAYS WESTINGHOUSE TYPE BFD RELAYS WESTINGHOUSE TYPE Nbfd RELAYS WESTINGHOUSE INVERTERS WESTINGHOUSE TYPE DB CIRCUIT BREAKERS WESTINGHOUSE TYPE DS AND DSL CIRCUIT BREAKERS WESTINGHOUSE FDP SWITCHES CATALOG #FDPF-C2211 WESTINGHOUSE TYPE OT-2 CONTROL SWITCHES WESTINGHOUSE TYPE W-2 CONTROL SWITCHES WESTINGHOUSE TYPE W-2 CONTROL SWITCHES WESTINGHOUSE TYPE W-2 CONTROL SWITCHES WESTINGHOUSE TYPE W-2 CONTROL SWITCHES WESTINGHOUSE TYPE W-2 CONTROL SWITCHES	NOTE 88-54 NOTE 88-54 BULL 81-002 NOTE 83-63 SER 18-84 CIRC 76-002, NOTE 91-45 OTH 89-072 BULL 73-001 BULL 79-011 BULL 83-001 BULL 83-004 BULL 83-008 BULL 72-002, NOTE 88-88, NOTE 91-45 BULL 76-005, BULL 79-025 NOTE 91-45 NOTE 84-84 SER 14-83 BULL 88-001, SEN 51 10CFR50.55(e), ITEM 24 BULL 75-006 BULL 74-006 BULL 74-006 BULL 80-020 NOTE 87-61 SPEC 3071-019-A, ART.5.6.5.7	
WESTINGHOUSE	WESTINGHOUSE AR/ARD RELAYS	10CFR21 NOTE (6/2/99) CARD 99-15502	
WEST JERSEY MFG. CO	ASTM AND SAME PIPE FITTING AND FLANGES	BULL 88-005	
WESTRONICS	WESTRONICS CHART RECORDER MODEL S4C, D4N, D4C, T4G, T4C AND T4N.	DER 93-0060	
WESTRONICS	WESTRONICS RECORDER MODEL 2100C SERIES	DER 93-0627 10CFR21 NOTE (9/28/93)	
WESTRONICS	THERMO. ELECTRON WESTONICS PRINTED CIRCUIT ASSEMBLY (PCA) CB100295 REVISION A AND B	CARD 04-20303 10CFR21 NOTE (3/25/04) (2004-006-00) OE 17997	38
WESTRONICS	THERMO WESTRONICS MODEL 2100C RECORDER	10CFR21 (7/21/2003), CARD 03-18613	38
WHEELS	VITREOUS STONE OR SIMILAR GRINDING WHEELS VITREOUS STONE OR SIMILAR GRINDING WHEELS VITREOUS STONE OR SIMILAR GRINDING WHEELS	SPEC 3071-029-C, APP. A, ART. 4.1.1.3 SPEC 3071-031-J, APP.D, ART.4.1.1.3 SPEC 3071-173-A, APP. A ART. 12.1.2.	
WHITING CORPORATION	WHITING CRANE / #25 HOIST UNIT	10CFR21 NOTE (1/29/03)	

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		CARD 03-12001 CARD 03-11633
WIRE	PVC INSULATED WIRE AND /OR MATERIALS PVE MATERIAL WIRE MESH MELT GUARDS WIRE NUTS WIRE SPLICES WIRE SPLICES	SPEC 3071-309, ART.2.01(a)3 SPEC 3071-295-A, ART.e.2 SPEC 3071-067-A, ART. 3.G SPEC 3071-303, ART. 6.8, STD-EA-205 SPEC 3071-246-A, ART 3.22 SPEC 3071-251, SECTION 3
WIRING	WIRING FOR RADWASTE CONTROL PANELS WIRING FOR RADWASTE CONTROL PANELS WIRING FOR RADWASTE CONTROL PANELS WIRING FOR RADWASTE CONTROL PANELS	SPEC 3071-283, ART. D.1.M SPEC 3071-283, ART. D.1.N SPEC 3071-283, ART. D.2.c SPEC 3071-283, ART. D.2.d
WILCO	WILCO LEXAN HOSE MODEL HN-4-L NOZZLE	OTH 93-045 & DER 93-0467
WOODWARD	WOODWARD 2301A GOVERNOR CONTROLLER PART NUMBER 9903-337	10CFR21 NOTE (7/16/01) CARD 00-12429 CARD 01-19000
XOMOX	XOMOX OR ATWOOD & MORRILL TUFLINE SLEEVD PLUT VALVES	DER 94-0133 10CFR21 NOTE (3/11/94)
Y-TYPE	KEROTEST (K085) 2 INCH Y-TYPE SERIES 1513 CHECK VALVES	10CFR21 NOTE (10/1/97) CARD 97-11226
YOKES	VALVE YOKES SUPPLIED MY MALCOLM FOUNDRY COMPANY MODELS SLPC, SLMC, SCMS AND SPLR	NOTE 92-31 AND NOTE 87-66
YOKOGAWA METERS	REPLACEMENT INSTRUMENT METERS FOR GENERAL ELECTRIC AMMETERS, VAR METERS WATT METERS AND VOLT METERS AND VOLT METERS THAT HAVE PART NUMBERS WHICH START WITH FIFTY	OE 3188
2301A	WOODWARD 2301A GOVERNOR CONTROLLER PART NUMBER 9903-337	10CFR21 NOTE (7/16/01) CARD 00-12429 CARD 01-19000
353C	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353C1 CONDUIT SEALS	10CFR21 NOTE (9/20/96) DER 96-1222
353C1	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353C1 CONDUIT SEALS	10CFR21 NOTE (9/20/96) DER 96-1222
4-WAY PNEUMATIC VALVE	AUTOMATIC VALVE CORPORATION (AVCO), 4-WAY PNEUMATIC VALVES FOR GE MSIVS	10CFR21 NOTE (6/6/02) CARD 02-12517

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10CFR 21 NOTE (11/3/88)	LIMITORQUE RH INSULATED DC MOTORS	REPLACEMENT DC MOTOR WITH RH INSULATION FOR TYPE TYPE SMB ACTUATORS WHICH ARE NOT LIKE FOR LIKE OR HAVE NOT BEEN PREVIOUSLY APPROVED WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL OF PLANT ENGINEERING LIMITORQUE RH INSULATED DC MOTORS MAY NOT DEVELOP FULL RATED STARTING TORQUE. MAXIMUM AMBIENT TEMPERATURE AT WHICH FULL RATED TORQUE CAN BE DEVELOPED IS PROVIDED IN DER 89-0158	MOTOR LIMITORQUE
10CFR 21 NOTE (3/20/90)	LIMITORQUE REPLACEMENT MOTOR PINIONS	LIMITORQUE REPLACEMENT MOTOR PINIONS #60-415-0094-1 SUPPLIED 8/74 THROUGH 8-78 AND SMB, SB, SMB, SB, SBD-0 WITH AN OVERALL RATIO OF 11.8:1 OR 27.9:1 SBD-00 WITH AN OVERALL UNIT RATION OF 11.1:1 OR 26.3:1 AND WILL NOT BE PURCHASED OR USED AT FERMI 2 WITHOUT PRIOR APPROVAL FROM PLANT ENGINEERING. SERIAL NUMBERS BETWEEN 193652 AND .279518 MAY HAVE MOTOR PINIONS WITH INSUFFICIENT KEYWAY DEPTH. (SEE DER-90-0241).	ACTUATORS LIMITORQUE
10CFR21 Note (1/5/93)	WESTRONICS CHART RECORDER MODEL S4C,D4N, D4C,T4G,T4C AND T4N.	SOME WESTRONICS RECORDERS WERE SHIPPED WITH PLASTIC SPROCKET ON THE DRUM THAT IS SUSCEPTIBEL TO SPLITTING. REPLACMENT PARTS MADE OF MACHINED ALUMINUM ELIMINATE THIS POTENTIAL PROBLEM. INSPECT TO ENSURE THE RECORDER HAS ALUMINUM CHART DRIVE SPROCKETS (DER 93-0060)	WESTRONICS CHART RECORDER
10CFR21 NOTE (1/15/93)	ABB K-4000 CIRCUCIT BREAKERS	THE K-4000 CIRCUIT BREAKER HAS FAILED TO MEET ITS FAULT CURRENT INTERRUPTING RATING AT RATED VOLTAGE IN CERTAIN CONFIGURATIONS, AS REQUIRED BY ANSI C37.16. ALL APPLICATIONS OF K-4000 CIRCUIT BREAKERS NEEDS TO BE ANALYZED PER ABB'S 4/7/1993 RECORD OF EVALUATION. (DER 93-0216).	ABB K-4000 CIRCUIT BREAKER
10CFR21 NOTE (3/29/93)	ITT BARTON DP INDICATING SWITCHES MODEL 580A-1, 580-1. 581-1 AND 581A-1	ITT BARTON DP INDICATION SWITCHES MODEL WITH A "-1" (DASH ONE) BARTON DESIGNATION ARE NOT QUALIFIED FOR USE IN APPLICATION WHERE FUNCTIONAL REQUIREMENT IS A MUST. (DER 93-0277).	BARTON ITT BARTON DP SWITCHES
10CFR21 NOTE (4/27/93)	ATWOOD AND MORRILL MAIN STEAM ISOLATION VALVE (MSIV)	A SIMILAR DESIGN OF THE MSIV AT RIVER BEND NUCLEAR STATION FAILED TO CLOSE DUE TO "COCKING" OF THE MSIV POPPET IN THE OPEN POSITION IN THE VALVE BODY AT THE BOTTOM RIB MSIVS ARE TO BE INSPECTED FOR RIB GUIDE WARE PER 35.137.002 WHEN THEY ARE DISASSEMBLED. (DER 93-0299)	ATWOOD & MORRILL MAIN STEAM ISO VALVE MSIV
10CFR21 NOTE (5/4/93)	ROSEMOUNT TRANSMITTER MODEL 1152GP9	ROSEMOUNT IDENTIFIED THAT SOME 1152GP9 UNITS MAY HAVE BEEN ASSEMBLED WITH INCORRECT O-RINGS AND MAY FAIL TO RETAIN HIGH PRESSURE AND LEAK PROCESS FLUID. A FIX IS AVAILABLE THROUGH ROSEMOUNT. 1152GP9 UNITS MANUFACTURED PRIOR TO 1994 SHALL HAVE NEW O-RINGS INSTALLED PRIOR TO INSTALLATION. (DER 93-0268).	ROSEMOUNT TRANSMITTER

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10CFR21 CONDITION (5/13/93)	RELIANCE 3-PHASE LIMITORQUE CORP ACTUATOR MOTORS	THE SUBJECT MOTORS HAVE A DECREASING STARTING TORQUE AT TEMPERATURES ABOVE 40 DEGREES C. FERMI 2'S MOV PROGRAM MUST ADDRESS THIS FOR APPLICATION WHERE THE AMBIENT TEMPERATURE IS ABOVE 40 DEGREES C. (DER 93-0308)	LIMITORQUE RELIANCE MOTORS ACTUATOR
10CFR21 NOTE (8/23/93)	GE AK-25 CRICUIT BREAKER	GE AK-25 CIRCUIT BREAKERS WITH RMS-9 OVERCURRENT TRIP DEVICES MAY TRIP WHEN SUBJECTED TO A CURRENT SPIKE THAT IS OF SIGNIFICANTLY SHORTER DURATION THAN THAT REQUIRED TO NORMALLY CAUSE A TRIP AND COULD RESULT IN SPURIOUS TRIPPING AND DE-ENERGIZING OF EQUIPMENT. GE AK-25 CIRCUIT BREAKERS WITH RMS-9 OVERCURRENT TRIP DEVICES SHALL NOT BE USED AT FERMI 2.(DER 93-0496)	GENERAL ELECTRIC GE AK-25 RMS-9 CIRCUIT BREAKERS
10CFR21 NOTE (9/28/93)	WESTRONICS RECORDER MODEL 2100C SERIES	UNDER SEISMIC TESTING AT THE FULL SSE (10G) LEVEL THE RECORDER PRODUCED TWO ANOMALIES: THE RECORDER WOULD OCCASIONALLY RESET DURING PEAK ACCELERATION AND THE DOOR WOULD BE FORCED OFF THE RECORDER FROM ITS LOWER ATTACHMENT POINT. ONLY OCCURS IN MODEL 2100C RECORDERS BUILT PRIOR TO 1993. WESTRONICS RECORDER MODEL 2100C SERIES SHOULD NOT BE USED IN APPLICATIONS WHEN THE EXPECTED SEISMIC ACCELERATION EXCEEDS 5.17G. (DER 93-0627)	WESTRONICS RECORDER
10CFR21 NOTE (3/11/94)	XOMOX OR ATWOOD & MORRILL TUFLINE SLEEVED PLUG VALVES	TUFLINE SLEEVED PLUG VALVES MADE BETWEEN 1982 AND 1993 MAY HAVE BEEN SUPPLIED WITH LOWER DENSITY POLYETHYLENE DIAPHRAGM SEALS INSTEAD OF THE ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SEALS. THE VALVE SEALS MAY SHRINK AND LEAK. TUFLINE SLEEVED PLUG VALVES MADE BETWEEN 1982 AND 1993 SHALL NOT CONTAIN LOWER DENSITY POLYETHYLENE DIAPHRAGM SEALS (DER 94-0133)	XOMOX ATWOOD & MORRILL TUFLINE PLUG VALVE
10CFR21 NOTE (3/23/94)	ENERGY & PROCESS CORP. 1-1/4"- 8 HEAVY HEX NUTS SA194 GRADE 7	THE 1 1/4" - 8 HEAVY HEX NUTS SA194 GRADE 7 HEAT:565289, STAMPED WITH HEAD CODE CGF MADE BY HAMANAKA (A&G), PREVIOUSLY KNOWN AS HUD, WERE POSSIBLY A DIFFERENT HEAT AND EXHIBITED CARBON CONTENT BELOW THE MINIMUM ALLOWED FOR SA194 GRADE 7. THESE NUTS SHOULD NOT BE USED AT FERMI 2. (DER 94-0134)	ENERGY & PROCESS CORP HAMANAKA HEX NUTS
10CFR21 NOTE (6/24/94)	GE TYPE AM MAGNE BLAST CIRCUIT BREAKERS	DURING TESTING AT TWO UTILITIES, GE MAGNE BLAST 4160 VAC CIRCUIT BREAKERS RANDOMLY FAILED TO LATCH BOTH ELECTRICALLY AND MANUALLY. SUSPECT UNITS ARE 1) ALL TYPE AM 4.16-350 MVA BREAKERS AND 2) THE TYPE AM 4.16-250 MVA BREAKERS THAT HAVE A 78 KILOAMPERE CLOSE-LATCH RATING CALLED A "HIGH MOMENTARY" RATING. THESE UNITS WILL REQUIRE THE INSTALLATION ADDITIONAL POP SPRINGS PRIOR TO USE AT FERMI 2. (DER 94-0309)	GE GENERAL ELECTRIC CIRCUIT BREAKER
10CFR21 NOTE (6/27/94)	WESTINGHOUSE/ASEA BROWN-+ BOVERI, ABB POWER CV-2, CV-4, CV-6, CV-7, AND CV-8 RELAYS WITH TELEPHONE COILS	SEVERAL DIFFERENT TYPES OF CV RELAYS WERE FOUND TO HAVE BEEN SHIPPED WITH SMALLER CURRENT LIMITING RESISTORS ON THEIR TELEPHONE COILS THAN REQUIRED, CAUSING THE RELAYS TO CLOSE PREMATURELY. CV RELAYS WITH TELEPHONE COILS SHALL BE VERIFIED TO HAVE THE PROPER SIZE LIMITING RESISTORS PRIOR TO USE AT FERMI 2. (DER 94-0401)	ABB POWER CV RELAY
10CFR21 NOTE	BODY TO BONNET NUTS ON COPES-VULCAN	CRACKS WERE FOUND IN BODY TO BONNET NUTS ON COPES-VULCAN AIR	COPES-VULCAN

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(7/22/94)	AIR OPERATED VALVES	OPERATED VALVES THAT WERE SUPPLIED BY ERIE FASTENER & INDUSTRIAL SUPPLY, INC. IT WAS DETERMINED THAT THIS DEVIATION COULD CREATE A SUBSTANTIAL SAFETY HAZARD. DEFECTED NUTS WERE LIMITED TO HEAT NUMBER 1. BODY TO BONNET NUTS ON COPE-S-VULCAN AIR OPERATED VALVES WITH HEAT NUMBER 1 SHOULD BE REPLACED. (DER 94-0399)	AIR OPERATED VALVES HEX NUTS
10CFR21 NOTE (8/19/94)	COLTEC INDUSTRIES DIESEL FUEL INJECTOR PUMPS	DURING ENDURANCE TESTING AT 3300KW, THE EROSION SLEEVES FAILED AFTER 1313 HOURS CAUSING THE INJECTION NOZZLE AND DELIVERY VALVE TO STICK OPEN, ALLOWING BACKFLOW OF COMBUSTION GASES TO ENTER THE FUEL SUPPLY HEADER CAUSING VAPOR LOCK AND STARVING SEVERAL CYLINDERS OF FUEL. NO ACTION IS REQUIRED. AWAITING THE FINAL COLTEC REPORT. (DER 94-0443)	COLTEC INDUSTRIES EDG INJECTOR PUMPS
10CFR21 NOTE (11/22/94)	RAYCHEM WCSF-070N HEAVY WALL, FLAME RETARDED NUCLEAR CABLE SLEEVES	SAMPLES OF LOT # N15057 WERE RETURNED TO MANUFACTURER FOR TESTING WHICH REVEALED THAT THE MATERIAL DOES NOT FULLY RECOVER TO THE SPECIFIED MAXIMUM I.D. WCSF-070N MANUFACTURED IN 1992 (LOT NO. N15057) SHALL NOT BE USED AT FERMI 2. (DER 94-0729)	RAYCHEM CABLE SLEEVES
10CFR21 NOTE (2/20/95)	COLTEC INDUSTRIES LUBE-OIL-PUMP/ GOVERNOR-DRIVE BRACKET FOR DIESEL GENERATORS	EXCESSIVE WEAR WAS NOTED ON THE FLEX-DRIVE GEAR AND ITS MATING GEAR. THE EXCESSIVE WEAR WAS DUE TO MISALIGNMENT OF THE DRIVEN, LUBE-OIL-PUMP GEAR RESULTING FROM AN OUT OF SQUARE LUBE-OIL-PUMP, GOVERNOR-DRIVE BRACKET. FERMI 2 WILL INSPECT FOR ABNORMAL WEAR MARKS. SEE 34.307.001. (DER 95-0166)	COLTEC INDUSTRIES EDG DIESEL GENERATOR
10CFR21 NOTE (9/19/95)	ABB ITE 5HK BREAKERS / SWITCHGEAR STATIONARY SECONDARY DISCONNECT CONDUCTOR STRIPS	CRACKS WERE DISCOVERED IN THE CONDUCTOR STRIPS OF SEVERAL BREAKERS, THE STRIPS OF WHICH WERE COMPOSED OF THE BRASS ALLOY C260. THIS PROMPTED A CHANGE TO A NEW ALLOY, C230. THE C260 WAS USED IN THE PRODUCTION OF THE STATIONARY SECONDARY DISCONNECT CONDUCTOR STRIPS FOR ITE 5HK, 7.5HK AND 15HK CIRCUIT BREAK CONTROLS BEFORE 1982. FERMI 2 WILL CONDUCT LONG TERM MONITORING BY INSPECTING SWGR SECONDARY DISCONNECTS. SEE 35.318.014. (DER 95-0853)	ABB HK BREAKER SWITCHGEAR
10CFR21 NOTE (10/24/95)	ENERTECH FASTENERS	A VENDOR SUPPLIED ENERTECH WITH SCREWS THAT WERE INADEQUATELY HEAT-TREATED. THE SCREWS WERE HEAT-TREATED AT B&G-CARDINAL INDUSTRIES (NOW ACCUTECH). FASTENERS HEAT TREATED AT B&G-CARDINAL / ACCUTECH BETWEEN 1992 AND 1995 SHALL NOT BE USED AT FERMI 2 WITHOUT ANALYSIS JUSTIFYING THE APPLICATION. (DER 95-0851)	ENERTECH HEAD CAP SCREWS ACCUTECH
10CFR21 NOTE (5/3/96)	FOXBORO MODEL N-2AX+M_N SERIES AUTOMATIC-MANUAL OUTPUT STATION	MODE SWITCHING FROM AUTOMATIC TO MANUAL OR MANUAL TO AUTOMATIC IS SOMETIMES UNRELIABLE BECAUSE OF FAULTY SWITCHES, PART NUMBER N0280RM. FAILURE IS ATTRIBUTED TO DIRTY CONTACTS. GOLD PLATING OF THE AFFECTED INTERNAL SWITCH IS EXPECTED TO IMPROVE PERFORMANCE. FOXBORO MODEL N-2AX+M_N SERIES AUTOMATIC-MANUAL OUTPUT STATION SHALL NOT BE USED AT FERMI 2. (DER 96-0570)	FOXBORO AUTO-MANUAL OUTPUT STATION
10CFR21 NOTE (9/20/96)	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353CI CONDUIT SEALS	A COUPLE UNITS CONTAINED AN OUTPUT SHORT CONDITION. RECOMMENDED THAT ALL 353C AND 353CI CONDUIT SEALS COMPLETE A FUNCTIONAL TEST PRIOR TO INSTALLATION. (DER 96-1222)	ROSEMOUNT 353C 353CI CONDUIT SEAL

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10CFR21 NOTE (10/8/96)	PACIFIC SCIENTIFIC PSA-35 SNUBBERS	SOME PSA-35 SNUBBERS WERE SUPPLIED WITH DEFECTIVE THRUST BEARING ASSEMBLIES (PART NUMBER 1801461-01). IF THE ASSEMBLY FAILED, THE SNUBBER COULD BE RENDERED INOPERABLE. PACIFIC SCIENTIFIC PSA-35 SNUBBER MANUFACTURED IN 1995 AND 1996 SHOULD BE CHECKED FOR DEFECTIVE THRUST BEARINGS. (DER 96-1286)	PACIFIC SCIENTIFIC PSA-35 SNUBBER
10CFR21 NOTE (10/18/96)	AVCO MSIV PNEUMATIC MANIFOLDS SPARE PARTS KITS	SOME REPAIR KITS FOR THE SOLENOID OPERATED VALVES WERE SHIPPED WITH PLUNGERS THAT WERE MACHINED TO THE INCORRECT LENGTH. THIS CAN RESULT IN EXCEEDING TECH SPEC FOR CLOSURE TIME. AVCO MSIV PNEUMATIC MANIFOLDS SPARE PARTS KITS MANUFACTURED PRIOR TO 1997 SHOULD BE CHECKED FOR PROPER SIZE PLUNGERS. (DER 96-1428)	AVCO MSIV SOLENOID OPERATED VLV
10CFR21 NOTE (6/9/97)	ABB LOW VOLTAGE AC CIRCUIT BREAKERS (K-LINE, K-600S) WITH SOLID STATE TRIPPING DEVICE	FACTORY MADE CROSSED WIRES FROM THE PHASE C CURRENT TRANSFORMER (I.E. BLUE WIRE OF TERMINAL #2 WAS FASTENED TO TERMINAL #1 AND YELLOW WIRE OF TERMINAL #1 WAS FASTENED TO TERMINAL #2) MAY CAUSE A FALSE TRIP AT 50% OF THE TRIP VALUE. THIS NOTICE IS FOR ALL K-LINE, K-600S LOW VOLTAGE CIRCUIT BREAKERS WITH ANY TYPE OF SOLID STATE TRIPPING DEVICE. VISUAL INSPECTION IS REQUIRED ON PRE-1998 K-LINE SWITCHGEAR TO MAKE CERTAIN CIRCUIT TRANSFORMERS ARE CONNECTED PROPERLY. (DER 97-1143)	ABB K-LINE K-600S CIRCUIT BREAKER
10CFR21 NOTE (6/12/97)	GENERAL ELECTRIC TYPE CR 120AD RELAYS	A MANUFACTURING DEFECT OF A RELAY COIL PIG-TAIL NOT BEING LANDED ON THE INSULATING LEAD PAD AND LAYING DIRECTLY ON THE OUTER LAYER OF THE WINDING. THIS PLACED INSULATION ON THE AFFECTED LENGTH OF MAGNET WIRE IN A HIGH-ELECTRICAL-STRESS CONDITION THAT LED TO DIELECTRIC BREAKDOWN; EFFECTIVELY SHORT CIRCUITING THE COIL. GENERAL ELECTRIC TYPE CR120AD RELAYS MANUFACTURED PRIOR TO 1998 SHOULD BE TESTED PER THE TENTREC'S CURRENT TEST PROCEDURE NRC082495 PRIOR TO USE. (CARD 97-11225)	GE GENERAL ELECTRIC CR120AD RELAY
10CFR21 NOTE (10/1/97)	KEROTEST (K085) 2 INCH Y-TYPE SERIES 1513 CHECK VALVES	INCORRECT DESIGN INFORMATION SUPPLIED BY THE VENDOR INDICATING LOWER THAN ACTUAL OPENING DESIGN PRESSURE REQUIREMENTS RESULTED IN TWO CHECK VALVES OPENING ONLY A SMALL FRACTION OF THEIR FULL STROKE. DESIGN INFORMATION FOR KEROTEST, Y-TYPE, SERIES 1513, CHECK VALVES MANUFACTURED PRIOR TO 1974 SHALL BE VERIFIED PRIOR TO USE. (CARD 97-11226)	KEROTEST Y-TYPE SERIES 1513 CHECK VALVE
10CFR21 NOTE (10/6/97)	PYCO RESISTANCE TEMPERATURE DETECTORS (RTDS)	SCREW COVER TERMINAL ENCLOSURES WERE FABRICATED FROM ALUMINUM INSTEAD OF CAST IRON AS SPECIFIED ON THE ASSEMBLY DRAWING. THE ALUMINUM AND CAST IRON ENCLOSURE WAS TESTED AND PASSED SPEC. (CARD 97-10511)	PYCO RESISTANCE TEMP DETECTOR RTD
10CFR21 NOTE (1/23/98)	GENERAL ELECTRIC SBM CONTROL SWITCHES	GENERAL ELECTRIC SBM CONTROL SWITCHES MANUFACTURED AFTER MARCH 1996 AND STAMPED WITH ONE OF THE FOLLOWING DATE CODES: PL, RL, SL, TL, UL, VL, WL, YL, ZL, MN, OM, PM, RM, SM, TM, UM, VM, WM, XM, YM, ZM, AND NN, SHALL NOT BE USED AT FERMI 2 DUE TO SPRING RETURN BINDING.	SBM SWITCH

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10CFR21 NOTE (2/17/98)	SENTRY EQUIPMENT	SENTRY EQUIPMENT WAS DISCOVERED TO NOT HAVE DOCUMENTED PROCEDURES DESCRIBING THEIR COMMERCIAL GRADE DEDICATION PROCESS AND AS A RESULT, LACKED SUFFICIENT OBJECTIVE EVIDENCE TO PROVIDE REASONABLE ASSURANCE THAT ITEMS SUPPLIED HAVE BEEN PROCURED OR TESTED TO REQUIREMENTS NEEDED TO DEMONSTRATE THE CAPABILITY OF THE PARTS TO PERFORM THEIR INTENDED SAFETY FUNCTION. SENTRY EQUIPMENT SHOULD NOT BE BOUGHT FOR COMMERCIAL DEDICATION APPLICATIONS UNTIL THEY ARE ADDED TO THE CQ APPROVED SUPPLIERS LIST. (CARD 98-12579)	SENTRY EQUIPMENT
10CFR21 NOTE (3/11/98)	GOULDS PUMPS	THROUGH NRC INVESTIGATION IT WAS DETERMINED THAT GOULDS PUMPS DID NOT HAVE ADEQUATE PROCEDURES TO VERIFY THE COMPOSITION OF ALLOYS OR VERIFY PROPER HEAT TREATING. GOULDS PUMPS SHOULD BE RESTRICTED TO NON-SAFETY RELATED ITEMS. ALL FUTURE SAFETY RELATED ORDERS WILL IMPOSE A RESTRICTION FOR GOULD PUMPS AS DESCRIBED IN THE APPROVED SUPPLIERS LIST. (CARD 98-12315)	GOULDS PUMPS
10CFR21 NOTE (5/19/98)	VALCOR V70900-65-11 AIR PILOT VALVES	MODEL V70900-65-11 FAILED TO STROKE CLOSED IMMEDIATELY IN THREE CASES UPON DEENERGIZATION. CLOSING TIMES RANGED FROM ONE TO FIVE MINUTES. THE DEFICIENCY MAY BE RELATED TO POSSIBLE SUSCEPTIBILITY OF THIS MODEL TO THE EFFECTS OF RESIDUAL MAGNETISM. ONLY V70900-65-11 ARE THE SUBJECT OF THE NOTICE, V70900-65 AIR PILOT VALVES ARE NOT SUBJECT TO THE DELAY. VALCOR V70900-65-11 AIR PILOT VALVES SHALL NOT BE USED AT FERMI 2. (CARD 98-16000)	VALCOR AIR PILOT VALVES
10CFR21 NOTE 9/14/98)	SWAGELOK SS-1613-1 1-INCH STAINLESS STEEL FRONT FERRULES	AFFECTED ITEMS ARE ONE INCH FERRULES FROM THE FOLLOWING HEAT CODES: ILA, JVA & JYL. THE 45-DEGREE CHAMFER ON THE TRAILING EDGE OF THE FERRULE MAY NOT BE CORRECT. LABORATORY TESTING OF THE PARTS WITH THIS INCORRECT DIMENSION HAD THE TUBING SLIP OUT OF THE FITTING AT THREE TIMES WORKING PRESSURE OF THE TUBING. SWAGELOK SS-1613-1 1-INCH STAINLESS STEEL FRONT FERRULES WITH THE FOLLOWING HEAT CODES: ILA, JVA & JYL MANUFACTURED BETWEEN SEPTEMBER 1997 AND NOVEMBER 1998 SHOULD NOT BE USED AT FERMI 2. (CARD 98-18327)	SWAGELOK FERRULE TUBE FITTING
10CR21 NOTE 10/26/98)	SWAGELOK SS-503-1, SS-500-SET, AND SS-500-6-2BT STAINLESS STEEL FRONT FERRULES	THE FOLLOWING PART NUMBERS AND PRODUCT ID'S FOR THE PRODUCTS AFFECTED ARE AS FOLLOWS: PART NO. SS-503-1, PRODUCT ID: R17IE0516; PART NO. SS-500-SET, PRODUCT ID: R18FN0151; AND PART NO. SS-500-6-2BT, PRODUCT ID: R18GV0197. THIS ISSUE ONLY AFFECTS THE FERRULES, SS-503-1 WHICH MAY BE PART OF THE OTHER ASSEMBLIES. AFFECTED PARTS ARE ALSO MARKED WITH THE HEAT CODE "IVD". THE FERRULE MAY HAVE BEEN MACHINED WITH AN IMPROPER LENGTH, CAUSING A 45 DEGREE CHAMFER AT THE TRAILING EDGE TO BE MISSING. IT WILL LEAK IMMEDIATELY ON GAS SERVICE AND WILL HOLD TO ABOUT 2.5 TIME WORKING PRESSURE OF THE TUBING DURING A HYDRAULIC PRESSURE TEST. THESE FERRULES IF MANUFACTURED BETWEEN SEPTEMBER 1997 AND NOVEMBER 1998 SHOULD NOT BE USED AT FERMI 2. (CARD 98-18358)	SWAGELOK FERRULE TUBE FITTING

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10CFR21 NOTE (1/11/99)	ROSEMOUNT MODEL 1153B ALPHALINE NUCLEAR PRESSURE TRANSMITTER	IN THE SPECIFICATION AND OUTLINE DIMENSION DRAWINGS FOR ALL 1153 SERIES B MODEL TYPES, THE MODULE QUALIFIED LIFE AND ELECTRONICS QUALIFIED LIFE ARE IN ERROR. ALSO, IN THE SPECIFICATION AND OUTLINE DIMENSION DRAWING FOR DIFFERENTIAL PRESSURE TRANSMITTER, MODEL 1153DB, IN PARAGRAPH 4.2.2, THE ACCURACY OF THE OUTPUT CODE "R" FOLLOWING EXPOSURE TO 22 MEGARADS TID OF GAMMA RADIATION EXPOSURE IS INCORRECTLY STATED AS +/- 1.5% OF UPPER RANGE LIMIT. THE CORRECT ACCURACY VALUE SHOULD BE +/- 4.0% OF UPPER RANGE LIMIT. THE QUALIFICATION REPORT, PRODUCT DATA SHEET AND PRODUCT MANUAL CONTAIN THE CORRECT INFORMATION AND SHOULD BE USED.. (CARD 99-10376)	ROSEMOUNT PRESSURE TRANSMITTER
10CFR21 NOTE (2/16/99)	COLTEC INDUSTRIES EDG SYNCHRO-START ESSB-4AT (MODEL SA2110), ESSB-3AT AND ESSB-2AT SPEED SWITCHES.	SYNCHRO-START ESSB-4AT SPEED SWITCHES MALFUNCTIONED AFTER APPROX. 70 HOURS OF ENERGIZATION DUE TO A CURRENT LIMITING RESISTOR OF THE WRONG VALUE BEING INSTALLED. THIS ISSUES WAS ONLY IDENTIFIED IN ESSB-4ATS BUT MAY INCLUDE -3ATS AND -2ATS. WHEN THE SPEED SWITCH FAILS IN CASES WITHOUT REDUNDANT STARTING CIRCUITRY, THE DIESEL WOULD FAIL TO START. EDG SYNCHRO-START ESSB-4AT (MODEL SA2110), ESSB-3AT AND ESSB-2AT SPEED SWITCHES MANUFACTURED PRIOR TO MARCH 1999 SHOULD BE VERIFIED TO HAVE THE CORRECT CURRENT LIMITING RESISTOR.(CARD 99-10877)	COLTEC EDG SPEED SWITCH
10CFR21 NOTE (6/2/99)	WESTINGHOUSE AR/ARD RELAYS	SEISMIC QUALIFICATION TESTS HAVE ONLY BEEN PERFORMED ON RELAYS WHERE THE MAXIMUM NORMALLY CLOSED CONTACTS IS FOUR. WESTINGHOUSE AR/ARD RELAYS USED IN SAFETY RELATED APPLICATION SHALL HAVE NO MORE THAN FOUR CONTACTS. (CARD 99-15502)	WESTINGHOUSE RELAYS
10CFR21 NOTE (6/18/99)	ROSEMOUNT 510/710DU TRIP/CALIBRATION UNITS	AFFECTED MODELS INCLUDE OBSOLETE 510DU AND OLDER 710DU TRIP UNITS WITH S/N BELOW #66667. THERE WERE 10 CONFIRMED RANDOM FAILURES OF C25 CAPACITORS. AS A PRECAUTIONARY MEASURE, A COMPONENT CHANGE WAS INSTITUTED ON THE C25 CAPACITOR BEGINNING WITH MANUFACTURER DATE CODE 8630. WHEN FAILED, THE CAPACITOR CAN RENDER A SHORT BETWEEN SUPPLY INPUT AND GROUND. ROSEMOUNT 510/710DU TRIP/CALIBRATION UNITS MANUFACTURED PRIOR TO 1987 SHALL BE VERIFIED TO HAVE NEW C25 CAPACITORS WITH ENHANCED MOISTURE SEALS. (CARD 99-15134)	ROSEMOUNT TRIP UNIT
10CFR21 NOTE (7/9/99)	FOXBORO CONTACT OUTPUT ISOLATORS N-2A0-L2C-R AND N-2A0-L2C-R WITH POTTER AND BRUMFIELD RELAYS	AFFECTED MODELS ARE N-2A0-L2C-R AND N-2A0-L2C-R WITH ECEP 10273, THAT HAVE N0152CK OR C0147SS RELAYS. THE RELAYS CAN DEVELOP A RESISTIVE SHUNT PATH BETWEEN ADJACENT METALLIC SURFACES AND THE PURE TIN PLATED CONTACT SUPPORT ARMS. THE RESISTIVE SHUNT PATH IS CAUSED BY TIN WHISKERS GROWING UNDER LOW-VOLTAGE/LOW-CURRENT APPLICATIONS. AFFECTED RELAYS ARE THOSE SUPPLIED BY POTTER & BRUMFIELD, MANUFACTURED FROM 12/1/1981 TO 12/31/1993. ADDITIONAL FOXBORO CONTACT OUTPUT ISOLATORS N-2A0-L2C-R AND N-2A0-L2C-R WITH POTTER AND BRUMFIELD RELAYS MANUFACTURED FROM 12/1/1981 TO 12/31/1993 SHALL NOT BE INSTALLED IN FERMI 2. (CARD 99-15751)	FOXBORO CONTACT OUTPUT ISOLATOR
10CFR21 NOTE (9/13/99)	FOXBORO CONTACT OUTPUT ISOLATOR AND/OR N0152CK SPARE RELAYS	N-2A0-L2C-R OR 2A0-L2C-R CONTACT OUTPUT ISOLATOR CARDS MAY CONTAIN N0152CK RELAYS. N0152CK RELAYS MANUFACTURED BY COMMUNICATIONS	FOXBORO CONTACT OUTPUT ISOLATOR RELAY

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		INSTRUMENTS WITH DATE CODES BETWEEN 9801 AND 9936 MAY NOT RETURN TO THEIR NORMAL DE-ENERGIZED POSITION WHEN THE RELAY IS DE-ENERGIZED DUE TO THE RELAYS UTILIZING A MYLAR REPAIR RESIDUAL. FOXBORO CONTACT OUTPUT ISOLATORS CARDS N-2A0-L2C-R OR 2A0-L2C-R MANUFACTURED BETWEEN JANUARY 1998 OCTOBER 1999 SHALL BE VERIFIED THAT THEY DO NOT INCLUDE C11 RELAYS MANUFACTURED BY COMMUNICATIONS INSTRUMENTS (N0152CK) WITH DATE CODES BETWEEN 9801 AND 9936 (CARD 99-17136)	
10CFR21 NOTE (10/6/99)	SWAGELOK SS-400-3-4TTM TUBE FITTING	MALE BRANCH TEE, PART NUMBER SS-400-3-4TTM, HAS A POSSIBLE DEFECT: A CRACK IN THE SEAT OF THE FITTING. SWAGELOK SS-400-3-4TTM TUBE FITTING MANUFACTURED IN 1977 SHALL NOT BE USED AT FERMI 2. (CARD 99-17602)	SWAGELOK TUBE FITTING MALE BRANCH TEE
10CFR21 NOTE (12/2/99)	ABB 4KV TYPE HK CIRCUIT BREAKER TRIP ROLLERS	SEVERAL TRIP ROLLERS, ABB PART NUMBER 180097A00, WERE FOUND BELOW THE MINIMUM HARDNESS SPECIFICATION, ROCKWELL C 50-55. BREAKERS WITH TRIP ROLLERS THAT ARE NOT PROPERLY HARDENED MAY FAIL TO TRIP AT SOME POINT DURING THE LIFE OF THE BREAKER. ABB 4KV TYPE HK CIRCUIT BREAKER TRIP ROLLERS SHIPPED AS STOCK OR AS PARTS OF COMPLETE CIRCUIT BREAKERS BETWEEN OCTOBER 30, 1995 AND JUNE 1999 SHOULD BE VERIFIED TO MEASURE ROCKWELL C50-55. IF THEY MEASURE LESS THEY SHOULD BE REPLACED.(CARD 00-13073)	ABB CIRCUIT BREAKER
10CFR21 NOTE (10/13/00)	ITT CONOFLOW GT25 1/P TRANSDUCER, GT25CA1826, GT25FA1826, GT45CA1826, GT45FA1826, GT65CA1826, GT65FA1826	ITT CONOFLOW GT25 1/P TRANSDUCER, GT25CA1826, GT25FA1826, GT45CA1826, GT45FA1826, GT65CA1826, GT65FA1826 MANUFACTURED BETWEEN 1986 AND 2000 HAD TRANSDUCER MAGNETS SECURED WITH AN UNQUALIFIED LOCTITE MATERIAL. MANUFACTURER'S TESTING HAS SHOWN THAT THE MATERIAL BREAKS DOWN WHEN EXPOSED TO TEMPERATURES EXCEEDING 120 DEGREES C. THE BOND STRENGTH MAY NOT BE ACCEPTABLE TO INSURE THAT THE MAGNET AND COPE CAP DO NOT SHIFT FROM LATERAL SEISMIC LOADING. THIS MAY RESULT IN FAILURE OF THE TRANSDUCER. THESE TRANSDUCERS SHOULD NOT BE USED IN SAFETY RELATED APPLICATIONS WHEN NORMAL OR ACCIDENT TEMPERATURES EXCEED 120 DEGREES C. (CARD 00-13701)	ITT CONOFLOW TRANSDUCER
10CFR21 NOTE (1/15/01)	ABB HK AND K-LINE CIRUCIT BREAKERS	THE CONTROL DEVICE HAS A SPRING RETAINER THAT HAS BEEN FOUND TO BREAK DUE TO METAL FATIGUE CAUSING FAILURE OF THE CONTROL CONTACTS TO MAKE AND BREAK PROPERLY. SPRING RETAINERS IN UNITS MANUFACTURED AFTER SEPTEMBER 1979 HAVE MORE MATERIAL AT THE BASE, TO ENSURE THIS DOES NOT HAPPEN. CONTROL DEVICES OLDER THAN 1981 SHALL BE REPLACED WITH THE NEW CONTROL DEVICES. (CARD 01-10587)	ABB CIRCUIT BREAKERS
10CFR21 NOTE (2/1/01)	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353C1 CONDUIT SEALS	A COUPLE ROSEMOUNT NUCLEAR INSTRUMENTS CONDUIT SEALS, MODELS 353C AND 353C1 WERE FOUND TO CONTAIN AN OUTPUT SHORT CONDITION. ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353C1 SHOULD HAVE THEIR CONDUIT SEALS FUNCTIONALLY TESTED PRIOR TO INSTALLATION. (CARD 01-10530)	ROSEMOUNT CONDUIT SEALS
10CFR21 NOTE (2/13/01)	SKW-MBT EMBECCO 636 GROUT	SKW-MBT MANAGEMENT INC.'S RE-ANALYSIS INDICATES THAT SEGREGATION AND FROTHING OF INGREDIENTS IN AN UNHARDENED STATE MAY OCCUR FOR THE FOLLOWING LOT NUMBERS IF MIXED TO A FLUID CONSISTENCY: M4-73733P0,	SKW-MBT GROUT

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		M4-44623R9, M4-57904V9, AND M4-72073P0. A SIMILAR SITUATION WAS DISCOVERED PREVIOUSLY IN 1997 WITH MASTERFLOW 713 (CMTR) AND EMBECO 636 (CMTR) PRODUCED IN STREETSBORO, OH. THE INCOMPATIBILITY WAS ONLY OBSERVED AFTER THE PRODUCTS AGED (SHELF-LIFE) FOR MORE THAN 3 MONTHS. MASTERFLOW 713 (CMTR) AND EMBECO 636 (CMTR) WITH THE FOLLOWING LOT NUMBERS: M4-73733P0, M4-44623R9, M4-57904V9, AND M4-72073P0 SHOULD NOT BE USED AT FERMI 2. (CARD 01-10531)	
10CFR21 NOTE (7/16/01)	WOODWARD 2301A GOVERNOR CONTROLLER PART NUMBER 9903-337	THE POWER SUPPLY CAPACITOR (DEVICE C17) HAS A PREDICTIVE LIFE OF 5-7 YEARS. 3 INCIDENTS OF FAILURE OCCURRED BETWEEN 1994 AND 2000; ALL OF WHICH WERE AFTER THE PREDICTIVE LIFE OF THE CAPACITORS. WHEN THE POWER SUPPLY CAPACITOR FAILS, IT RENDERS THE CONTROL INOPERABLE. PMS SHALL BE CREATED IN THEIPMP TO REPLACE THE CAPACITORS EVERY 6 YEARS. (CARDS 00-12429 AND 01-19000)	WOODWARD GOVERNOR CONTROLLER 2301A
10CFR21 NOTE (10/22/01)	TERRY TURBINE TRIP/THROTTLE VALVE SCREW SPINDLE	A VALVE SCREW SPINDLE MADE OF AN INCORRECT GRADE STEEL FAILED AT CATAWBA UNIT #2. INCORRECT GRADES WERE TRACED BACK TO 1974, INCLUDING THE FOLLOWING SERIAL NUMBERS FOR T/T VALVES: 74-12201-01 TO 74-12244-02, 78-13136-01, 78-13215-01, 78-13091-01. SPINDLE SCREWS SUSPECTED TO BE FROM 1974-1975 SHALL BE TESTED TO CONFIRM THAT THE MATERIAL IS CORRECT (GRADE 1018 CARBON STEEL). (CARD 01-17488)	TERRY TURBINE TRIP & THROTTLE VALVE VALVE SCREW SPINDLE
10CFR21 NOTE (1/25/02)	AMETEK AEROSPACE, GULTON STATHAM TRANSMITTERS	TRANSMITTERS, DR/PG/PD/PDH3200 & PD/PDH3218, DEMONSTRATED TEMPERATURE EFFECTS OF $\pm 4\%$ 180°F TO 250°F AT UPPER RANGE LIMIT (URL) INSTEAD OF THE SPECIFIED $\pm 1.5\%$. AT TEMPERATURES 40°F TO 180°F, THE TRANSMITTERS ACTED WITHIN SPECIFIED TOLERANCES. RADIATION ERROR ALSO DEVIATES FROM SPECIFICATION. TEST DATA AT 10MRADS SHOWED THAT THE MAXIMUM RADIATION ERROR, DURING EXPOSURE, WAS $\pm 7.6\%$ (10MRADS TID) AT URL. ORIGINAL SPECIFICATION WAS $\pm 3\%$ (33MRADS TID) AT URL AND $\pm 5.5\%$ (55 MRADS TID) AT URL. AMETEK AEROSPACE, GULTON STATHAM TRANSMITTERS, DR/PG/PD/PDH3200 & PD/PDH3218, SHIPPED BETWEEN DECEMBER 1997 AND DECEMBER 2001 SHALL HAVE THEIR UPPER RANGE LIMIT AND MAXIMUM RADIATION ERROR VALUES RECONCILED PRIOR TO INSTALLATION AT FERMI 2. (CARD 02-11311)	AMETEK AEROSPACE GULTON STATHAM TRASMITTER
10CFR21 NOTE (6/6/02)	AUTOMATIC VALVE CORPORATION (AVCO), 4-WAY PNEUMATIC VALVES FOR GE MSIVS	MAIN STEAM ISOLATION VALVES (MSIVS) WITH 4-WAY PNEUMATIC VALVES MANUFACTURED BY AUTOMATIC VALVE CORPORATION (AVCO), MAY HAVE DELAYED INBOARD MSIV CLOSURE FOR LARGE BREAK LOSS OF COOLANT ACCIDENTS (LOCAS). AVCO STATES THAT THE SUPPLY PRESSURE MUST BE AT LEAST 50 PSI ABOVE THE DISCHARGE PRESSURE (DRYWELL PRESSURE). FOR A LARGE BREAK LOCA, THE DRYWELL PRESSURE MAY INCREASE SO THAT 50 PSI DIFFERENTIAL PRESSURE IS NOT MAINTAINED OVER THE ENTIRE DURATION OF MSIV CLOSURE. FERMI 2 HAS A 2-WAY VALVE IN PARALLEL WITH THE 4-WAY. IF THE 4-WAY IS SLUGGISH THE 2-WAY VALVE WILL INITIATE THE MSIV CLOSURE.(CARD 02-12517)	GE MSIV AVCO 4-WAY PNEUMATIC VALVES
10CFR21 NOTE (6/10/02)	ROTORK CONTROLS, INC TYPE NAI	AFFECTED COMPONENTS ARE THE ROTORK NAI TYPE ELECTRIC VALVE	ROTORK CONTROLS ACTUATOR

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	ELECTRIC VALVE ACTUATOR	ACTUATORS FITTED WITH AN ADD-ON-PAK 1 (AOP1) ASSEMBLY WHICH WAS MANUFACTURED BETWEEN 1978 AND OCTOBER 2001 AND HAVE A SAFETY FUNCTION USED FOR END OF TRAVEL INDICATION. AOP1 CONTACTS MAY NOT INDICATE "END OF TRAVEL" WHICH COULD RESULT IN REPEATED ATTEMPTS TO CLOSE THE VALVE. THIS "HAMMERING" COULD POSSIBLY RESULT IN SEAT DAMAGE TO THE VALVE. ROTORK NA1 SHALL NOT BE USED AT FERMI 2. (CARD 02-14692)	
10CFR21 NOTE (7/31/02)	NORGEN R18EMD PRESSURE REGULATING VALVES ON EMERGENCY DIESEL GENERATORS (EDGS)	AFFECTED SYSTEMS ARE EMD EDGS EQUIPPED WITH AIR START SYSTEMS USING NORGEN R18 RELIEVING STYLE AIR PRESSURE REGULATING VALVES. DURING START-UP, THE SUDDEN FLOW DEMANDS OF AIR CAUSE EXCESSIVE DEFLECTION OF INTERNAL COMPONENTS OF THE REGULATING VALVE, RESULTING IN THE INABILITY OF THE VALVE TO PROPERLY CLOSE FOLLOWING THE START EVENT. ALTHOUGH THE EVENT WOULD ONLY OCCUR FOLLOWING A START ATTEMPT, THE ABILITY TO ACHIEVE THE DESIGNED NUMBER OF ENGINE STARTS FROM A FULLY-CHARGED AIR RECEIVER COULD BE COMPROMISED. NORGEN R18EMD PRESSURE REGULATING VALVES SHALL NOT BE USED AT FERMI 2. (CARD 02-12709)	EDG EMD NORGREN R18 PRESSURE REG VALVE
10CFR21 NOTE (8/30/02)	ROSEMOUNT PRESSURE TRANSMITTER	MODEL 1153 AND 1154 WITH SPECIAL ADJUSTABLE DAMPING OPTIONS N0037, N0039, N0058, N0085, N0102, N0108, N0120 SHIPPED BETWEEN DECEMBER 2000 AND JULY 2002 AND ADJUSTABLE DAMPING CIRCUIT BOARDS WITH PART NUMBER 01154-0021-0004 SHIPPED BETWEEN DECEMBER 2000 AND JULY 2002 MAY NOT MEET RNII'S PUBLISHED NUCLEAR STEAM PRESSURE/TEMPERATURE SPECIFICATION AND/OR RNII'S PUBLISHED POST DBE OPERATION SPECIFICATION. MODEL 1153 AND 1154 TRANSMITTERS WITHOUT THE OPTIONAL ADJUSTABLE DAMPING CIRCUIT BOARD ARE NOT AFFECTED. CAPACITORS MADE BY AMERICAN CAPACITOR CORPORATION THAT WERE USED ON THE ADJUSTABLE DAMPING CIRCUIT BOARD WERE INADEQUATELY TESTED FOR CONFORMANCE TO RNII'S STANDARDS. ROSEMOUNT PRESSURE TRANSMITTER MODELS 1153 AND 1154 WITH SPECIAL ADJUSTABLE DAMPING OPTIONS N0037, N0039, N0058, N0085, N0102, N0108, N0120 SHIPPED BETWEEN DECEMBER 2000 AND JULY 2002 AND ADJUSTABLE DAMPING CIRCUIT BOARDS WITH PART NUMBER 01154-0021-0004 SHIPPED BETWEEN DECEMBER 2000 AND JULY 2002 MUST HAVE BEEN SENT TO ROSEMOUNT, TESTED AND RECERTIFIED PRIOR TO USE AT FERMI 2. (CARD 02-12708)	ROSEMOUNT PRESSURE TRANSMITTER
10CFR21 NOTE (9/10/02)	EMD EMERGENCY DIESEL GENERATORS (EDGS)	AFFECTED COMPONENTS ARE EMD 645 ENGINE PISTONS MANUFACTURED PRIOR TO 2/21/02. LOOSE CASTING FLASH MATERIAL APPLIED DURING THE MANUFACTURING PROCESS COULD BLOCK THE INSERT BEARING OIL PASSAGE AND CAUSE BEARING DAMAGE. EMD 645 ENGINE PISTONS SHALL NOT BE USED AT FERMI 2. (CARD 02-12711)	EMD EDG
10CFR21 NOTE (11/20/02)	ABB POWER SHIELD	SOLDER JOINTS HAVE BEEN FOUND BROKEN ON SOME PINS ON THE TAP BLOCKS OF THE TRIP DEVICES. THESE CRACKS ARE ONLY FOUND ON SINGLE-SIDED PRINTED CIRCUIT BOARDS. POWER SHIELDS MANUFACTURED AFTER SERIAL NUMBER 80,000 (YEAR 1990) HAVE DOUBLE-SIDED SOLDER PADS AND PLATED THROUGH PRINTED CIRCUIT BOARD HOLES. THERE IS NO LIKELIHOOD OF SIMILAR FAILURES AT TAP BLOCK PINS IN THE NEW PRINTED CIRCUIT BOARD DESIGN.	ABB POWER SHIELD

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		PERIODIC INSPECTION AND IF NEEDED REPAIRS REQUIREMENTS WERE ADDED TO MAINTENANCE PROCEDURES. SEE 35.318.003. (CARD 02-19244)	
10CFR21 NOTE (11/25/02)	CUTLER-HAMMER A200 NEMA SIZE 1 STARTER	GINNA STATION EXPERIENCED AN OPEN PHASING-FAILURE AND THE MANUFACTURER IS INVESTIGATING THE EXTENT OF THE CONDITION. CUTLER-HAMMER A200 NEMA SIZE 1 STARTER SHALL NOT BE USED A FERMI 2. (CARD 02-12732)	CUTLER-HAMMER STARTER
10CFR21 NOTE (12/9/02)	CARBOLINE CARBOZINC 11 SG BASE	THE NONCOMPLIANCE INVOLVES PREMATURE GELLATION OR SIGNIFICANT THICKENING PRIOR TO THE END OF THE 12-MONTH SHELF LIFE EXPIRATION DATE. SUCH MATERIAL WILL NOT ATOMIZE OR SPRAY PROPERLY, RESULTING IN POOR ADHESION TO THE SUBSTRATE. SHELF LIFE HAS BEEN CHANGED TO 6 MONTHS. CARBOLINE CARBOZINC 11 SG BASE MANUFACTURED PRIOR TO DECEMBER 2002 SHALL HAVE A 6 YEAR AND NOT A 12 YEAR SHELF LIFE. (CARD 02-18080)	CARBOLINE CARBOZINC
10CFR21 NOTE (1/29/03)	WHITING CRANE #25 HOIST UNIT	WHITING CRANES SOLD PRIOR TO 1980 WITH #25 HOIST UNITS DO NOT MEET THE DESIGN BASIS FACTOR OF SAFETY. REANALYZED CRANE COMPONENTS SHOW THAT SOME COMPONENTS ASSOCIATED WITH THE MAIN HOIST (#25 HOIST UNIT) ARE OVER-STRESSED. WHITING CRANE / #25 HOIST UNITS SOLD PRIOR TO 1980 SHALL BE ADMINISTRATIVELY LIMITED TO 50% CAPACITY UNTIL THEIR SERIAL NUMBER IS REVIEWED BY WHITING CRANE TO DETERMINE THEIR ACTUAL CARING CAPACITY. (CARDS 03-11633 AND 03-12001)	WHITING CORPORATION CRANE HOIST UNIT
10CFR21 NOTE (7/21/2003)	THERMO WESTRONICS MODEL 2100C RECORDER	THERMO WESTRONICS MODEL 2100C RECORDER SERIAL NUMBERS 2100C1824, 2100C1827 THROUGH 21C001835, TOTAL TEN RECORDERS. THESE RECORDERS WITH THE LISTED SERIAL NUMBERS SHOULD NOT BE USED AT FERMI 2100C RECORDERS MANUFACTURED BETWEEN AUGUST 2002 AND JANUARY 2003 SHOULD NOT BE USED AT FERMI 2	WESTRONICS RECORDER
10CFR21 NOTE (10/3/2003)	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3	A POTENTIAL SAFETY CONCERN WAS REPORTED REGARDING FAILURE OF THE CUTLER-HAMMER FREEDOM SERIES HEATER PACK DUE TO A POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL. HEATER PACKS ARE H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3. (CARD 03-11949)	EATON FRAMATOME CUTLER HAMMER HEATER HEATER PACKS
10CFR21 NOTE (3/25/2004) (2004-0006-00)	THERMO ELECTRON WESTRONICS PRINTED CIRCUIT ASSEMBLY (PCA) CB100295 REVISIONS A & B	THE THERMO WESTRONICS SERIES 3000 RECORDER PRINTED TRANSITION CIRCUIT BOARD CB100295C01, REVISIONS A & B AND CB100295-01 REVISIONS A AND B HAVE EXPERIENCED FAILURES RESULTING IN RECORDER FIRE IN THE SIMULATOR AS DOCUMENTED IN CARD 04-20303 AND ARE NOT TO BE USED AT EF2. THE CB100295 CIRCUIT BOARDS BECAME OBSOLETE IN 1996 AND WERE REPLACED WITH THE CURRENT CIRCUIT BOARD CB100460. NOTE: USE OF THE CB100295 BOARD IS LIMITED TO REVISION LEVEL C OR HIGHER.	PRINTED CIRCUIT BOARD ELECTRONICS RECORDER WESTRONICS THERMO ELECTRON THERMO WESTRONICS
3071-007 ARTICLE 11G	TUBES WITH A BEND CENTER LINE RADIUS LESS 1.5 DIA PLUS 1/8 INCH	WILL NOT BE USED IN CONSTRUCTION OF TUBES AND TUBE BUNDLES FOR FEEDWATER HEATERS AND DRAINS COOLERS	TUBE
3071-019 REV A ARTICLE 5.6.5.	METER OPERATED RELAYS	WILL NOT BE USED IN A TRIPPING FUNCTION ON EMERGENCY DIESEL GENERATORS	RELAYS

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3071-019 REV A ARTICLE 5.6.5.	WESTINGHOUSE TYPE W-2 CONTROL SWITCH	NOT TO BE USED AT FERMI 2	CONTROL SWITCH
3071-029 REV C APPENDIX A ARTICLE 4.1.1.	VITREOUS STONE OR SIMILAR GRINDING WHEELS	WILL NOT BE USED IN CLEANING OF POWER PLANT EQUIPMENT	GRINDING WHEELS EQUIPMENT
3071-029 REV C APPENDIX A ARTICLE 4.3.5.2.6.6	CLOSURE SEALS	HARD BRASS OR BRONZE MATERIAL IS NOT PERMITTED	SEALS
3071-029 REV C ARTICLE 7.3	ALUMINUM SHIMS	WILL NOT BE USED ON PLANT EQUIPMENT UNLESS APPROVED BY PLANT ENGINEERING	SHIM
3071-030 REV A ARTICLE 13.16.1.3	STEEL GRIT	NOT TO BE USED IN CLEANING OR DE-SCALING AUSTENITIC STAINLESS STEEL	EQUIPMENT
3071-031 REV. APPENDIX D ARTICLE 4.1.1.	VITREOUS STONE OR SIMILAR GRINDING WHEELS	WILL NOT BE USED IN CLEANING OF POWER PLANT EQUIPMENT	GRINDING WHEELS EQUIPMENT
3071-031 REV. APPENDIX D ARTICLE 4.3.5.2.6.1	CLOSURE SEALS	PAPER, CARDBOARD, OR SIMILAR MATERIAL NOT TO BE USED AS CLOSURES FOR OPENINGS INTO CLEANED INTERNALS	SEALS
3071-031 REV J APPENDIX D ARTICLE 4.3.5.2.6.11	CLOSURE SEALS	PAPER TAPE WILL NOT BE USED IN CONTACT WITH METAL SURFACES	SEALS
3071-031 REV. APPENDIX D ARTICLE 4.3.5.2.6.4	CLOSURE SEALS	CARBON STEEL CLOSURES SHALL NOT BE USED IN CONTACT WITH STAINLESS STEEL	SEALS
3071-031 REV. APPENDIX D ARTICLE 4.3.5.2.6.5	CLOSURE SEALS	ZINC, ZINC PLATED, OR GALVANIZED METAL, LEAD, TIN OR CADMIUM MATERIAL SHALL NOT BE USED IN CONTACT WITH INTERNAL OR EXTERNAL SURFACES	SEALS

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3071-031 REV. APPENDIX D ARTICLE 7.6.7	INSTRUMENTS/EQUIPMENT CONTAINING MERCURY OR MERCURY COMPOUND	WILL NOT BE USED WHERE CONTACT WITH CORROSION-RESISTANT STEEL SURFACES OR REEACTOR COOLANT CAN BE POSTULATE. (See also specs 3071-278, 3071-285, and 3071-300)	INSTRUMENT
3071-067 REV A ARTICLE 3.G	WIRE MESH BELT GUARDS	WILL NOT BE USED IN CONSTRUCTION OF CONTROL CENTER A/C UNIT	GUARDS
3071-074 REV. ARTICLE 5.6.6.	MECHANICAL OR FRACTIONAL TYPE CONNECTORS	ARE NOT TO BE USED INSIDE PRIMARY CONTINMENT ELECTRICAL PRNETRATION ASSEMBLIES, NOR SHOULD THEY BE MOUNTED ON THE ASSEMBLY AS PART OF THE HERMETIC SEAL	CONTAINMENT CONNECTORS
3071-075 ARTICLE 11.B.(SLIP ON FLANGES	NOT TO BE USED IN FABRICATION OF CONDENSER CIRCULATING WATER PUMPS	FLANGES
3071-128-ec REV.AE ARTICLE EC-3-1/1.3	FLEXIBLE CONDUIT	NON-JACKETED FLEX CONDUIT SHALL NOT BE INSTALLED VERTICALLY AS CONDUIT RISERS	CONDUIT
3071-129 REV. ARTICLE 6.4	SCREWED COUPLINGS	NOT TO BE USED IN PRIMARY CONTAINMENT GALLERY WORK	COUPLINGS
3071-173 REV.A APPENDIX A ARTICLE 12.1.2	VITREOUS STONE OR SIMILAR GRINDING WHEELS	WILL OT BE USED IN CLEANING OF POWER PLANT EQUIPMENT	GRINDING WHEELS EQUIPMENT
3071-226 REV. ARTICLE 3.3.1	LEVELING NUTS	ARE NOT TO BE USED ON THE INSTALLATION OF WEDGE ANCHORS	NUTS
3071-246 REV. ARTICLE 3.22	WIRE SPLICES	ARE NOT TO BE USED IN CONTAINMENT AREA HIGH RANGE RADIATION MONITOR SYSTEM	WIRE
3071-251 SECTION 3	WIRE SPLICES	ARE NOT TO BE USED IN PROCESS RATIATION MONITORING SYSTEM - GASEOUS EFFLUENTS	WIRE
3071-278 REV. ARTICLE 10.D	MERCURY TYPE PRESSURE SWITCH	SHALL NOT BE USED IN STANDBY FEEDWATER SYSTEM (see also specs 3071-31, 3071-285, and 3071-300)	SWITCH
3071-283 ARTICLE D.1-M	WIRING FOR RADWASTE CONTROL PANELS	LACING OF WIRING IS NOT PERMITTED	WIRING
3071-283 ARTICLE D.1-N	WIRING FOR RAD WASTE CONTROL PANELS	WIRES WILL NOT BE SPLICED OR TAPED BETWEEN TERMINAL POINTS	WIRING

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3071-283 ARTICLE D.2.-c	WIRING FOR RADWASTE CONTROL PANELS OR WIRE MAKER SLEEVES	PVC WILL NOT BE USED FOR WIRE INSULATION OR JACKINGTING, INSULATION SKIRTS ON CRIMP-ON WIRE CONNECTORS, WIRE WAYS,	WIRING
3071-283 ARTICLE D.2.-d	WIRING FOR RADWASTE CONTROL PANELS	CIRCUIT COMMONS ARE NOT PERMITTED. DAISY CHAIN AND SERIES CONNECTIONS ARE NOT PERMITTED	WIRING
3071-285 REV.A ARTICLE 11.3.4	MERCURY COMPONENTS	SHALL NOT BE USED IN QUALIFIED PRESSURE SWITCHES. (see also specs 3071-31, 3071-278, and 3071-285)	SWITCH INSTRUMENT
3071-295 REV.A ARTICLE e.2	PVC	SHALL NOT BE USED IN WIRING USED FOR THE MONORAIL BRIDGE CRANE-COALESCER HANDLING	WIRE
3071-300 REV. ARTICLE 403.3.	DEVICES CONTAINING MERCURY	SHALL NOT BE USED IN ON-SITE STORAGE FACILITY HVAC EQUIPMENT. (See also specs 3071-31, 3071-285)	MERCURY
3071-303 ARTICLE 6.8 STO-EA-205	WIRE NUTS	SHALL NOT BE USED IN CONNECTION OF PIG TAIL LEADS IN ELECTRICAL INSTALLATION WORK FOR ON-SITE STORAGE	WIRE NUTS
3071-303 FORM 1890-F ARTICLE 4.10	OPEN HEATING COILS	WILL NOT BE USED IN ON-SITE STORAGE FACILITY	HEATER
3071-303 STD-ED-148 ARTICLE 3.2.3 ARTICLE 3.3.3	INDENTER TYPE OR DIE CAST FITTINGS, CAST IRON OR LIGHT ALLOY DIE CAST FITTINGS	SHALL NOT BE USED IN ELECTRICAL INSTALLATION WORK FOR ON-SITE STORAGE FACILITY.	FITTINGS
3071-309 ARTICLE 2.01(A)	PVC INSULATED WIRE/MATERIALS	WILL NOT BE USED IN SUPERVISORY CONTROL OR TELEMETERING EQUIPMENT	WIRE
3071-314 ARTICLE 12.3.2	SOLDERED TERMINAL CONNECTIONS	WILL NOT BE USED IN LOCAL PANELS IN DRUM CONTAMINATION SYSTEM	SOLDERED CONNECTORS
3071-326 ARTICLE 302.9c	STRAINERS	WILL NOT BE USED IN THE FIRE PROTECTION SYSTEM FOR THE ON-SITE STORAGE FACILITY	STAINERS
3071-326 ARTICLE 302.9-	"C" CLAMP TYPE PIPE SUPPORTS	WILL NOT BE USED IN THE FIRE PROTECTION SYSTEM FOR THE ON-SITE STORAGE FACILITY	SUPPORTS
BULL 73-001 BULL 79-011	WESTINGHOUSE SWITCHGEAR	WILL NOT BE USED AT FERMI 2 (See also SER 14-83)	SWITCHGEAR

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BULL 83-011 BULL 83-008			
BULL 74-006	WESTINGHOUSE TYPE W-2 CONTROL SWITCH	NOT TO BE USED AT FERMI 2	CONTROL SWITCH
BULL 74-009	GENERAL ELECTRIC MODEL 4 kV Magne-Blast Circuit Breakers	General Electric Magne-Blast Circuit Breakers 15 kV or less Will not be used Without prior Approval from Engineering	CIRCUIT BREAKERS
BULL 74-013	GENERAL ELECTRIC MOTOR CONTROL CENTERS	NOT TO BE USED AT FERMI 2	MOTOR CONTROL CENTER
BULL 74-013	GENERAL ELECTRIC Vulkens 600 CABLE TYPE XHHW	NOT TO BE USED INTERNALLY IN MOTOR CONTROL CENTERS	MOTOR CONTROL CENTER
BULL 74-013	GENERAL ELECTRIC VULKENS 600 CABLE TYPE XHHW	NOT TO BE USED INTERNALLY IN MOTOR CONTROL CENTERS	CABLE
BULL 74-015	CUTLER-HAMMER SWITCH, MODEL NUMBER 10250T4023 AND ALL CUTLER-HAMMER THREE POSITION SWITCHES WITH MODEL NUMBER 10250T	NOT TO BE USED ON SAFETY-RELATED SYSTEMS	CUTLER-HAMMER SWITCH
BULL 75-003	ASCO SOLENOIDS SERIES 8300-C AND 8302-C	WILL NOT BE USED IN A SAFETY RELATED SYSTEM AT FERMI 2 ASCO SOLENOID SERIES 8302-C VALVE IS INSTALLED ON A NON-SAFETY RELATED VALVE G33F033. WHEN REPLACED IT WILL REQUIRE A SUBSTITUTE SOLENOID VALVE.	SOLENOIDS
BULL 75-005 BULL 78-010	BERGEN-PATTERSON HYDRAULIC SHOCK SUPPRESSORS	WILL NOT BE USED AT FERMI 2	SHOCK SUPPRESSORS
BULL 75-006	WESTINGHOUSE TYPE OT-2 CONTROL SWITCHES	WILL NOT BE USED AT FERMI 2	CONTROL SWITCH
BULL 76-003	GENERAL ELECTRIC TYPE STD TRANSFORMER DIFFERENTIAL RELAYS	WILL NOT BE USED AT FERMI 2	RELAYS
BULL 76-005	WESTINGHOUSE TYPE BFD	WILL NOT BE USED IN PROTECTIVE RELAY TRIPPING APPLICATIONS	RELAYS
BULL 77-001	ITE PNEUMATIC TIME DELAY, ITE IMPERIAL CATALOG NUMBERS J20T3/JP13-P20 AND J20T3/J13-P30	THOSE RELAYS MANUFACTURED PRIOR TO 1974 WILL NOT BE USED ON SAFETY RELATED SYSTEMS	RELAYS
BULL 72-002	WESTINGHOUSE TYPE AR RELAYS	RELAYS MANUFACTURED BETWEEN MID-1973 AND LATE 1977 WILL NOT BE USED AT FERMI 2. (Also see note 88-88)	RELAYS WESTINGHOUSE
Bull 77-005	PIN AND SOCKET TYPE CONNECTORS	WILL NOT BE USED AT FERMI 2 ON CIRCUITS REQUIRED TO	CONNECTORS

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BULL 77-005A	WITH METSL SHELL AND SCREW CUPLINGS. MANUFACTURED BU BENDEX, ITT CANNON, OR GULTON INDUSTRIES	MITIGAE THE CONSEQUENCES OF LOCA (See letter EF2-39454, January 11, 1978	
BULL 77-007	GENERAL ELECTRICK SERIES 100 CONTAINMENT ELECTRICAL PENETRATIONS	WILL NTO BE USED AT FERMI 2	CONTAINMENT
BULL 78-002	GENERAL ELECTRIC RELAYS CR120A	RELAYS MANUFACTURED BETWEEN MAY 1968 (DATE CODE ED) AND JANUARY 1973 (DATE CODE AJ) WITH CONTACT TETAINER ARMS MADE WITH CELCON M90 ACETAL COPOLYMER WILL NOT BE USED AT FERMI 2	RELAYS
BULL 78-002	EXPOSED TERMINAL BLOCKS (Such as Marathon 6000 Series terminal blocks)	NOT TO BE USED INSEDE PRIMARY CONTAINMENT NOT TO BE USED OUTSIDE PRIMARY CONTAINMENT IN AREA OF HARSH ENVIRONMENT	TERMINAL BLOCKS
BULL 78-004 BULL 79-001B	NAMCO D240 OX LIMIT SWITCH	WILL NOT BE USED IN ANY SAFETY-RELATED APPLICATION	LIMIT SWITCH
BULL 78-004 BULL 79-001B	SNAP LOCK EA-170-302 LIMIT SWITCH	WILL NOT BE USED IN ANY SAFETY-RELATED APPLICATION	LIMIT SWITCH
BULL 78-005	GENERAL ELECTRIC CR105X CONTACTORS	WILL NOT BE USED IN SAFETY-RELATED CIRCUITS	CONTACTORS
BULL 78-006	CUTLER-HAMMER TYPE M, CATALOG NUMBER D23MRD DC RELAYS	WILL NOT BE USED IN SAFETY-RELATED SYSTEMS	RELAYS
BULL 79-004	VELAN SWING CHECK VALVES	WILL NOT BE USED IN SAFETY-RELATED SYSTEMS (See also SER 58-81 and SER 40-82)	VALVE
BULL 79-009 BULL 83-001 BULL 83-004 BULL 83-008	GENERAL ELECTRICK AK-2CIRCUIT BREAKERS	WILL NOT BE USED AT FERMI2 (See also SER 14-83)	CIRCUIT BREAKERS
BULL 79-015	INGERSOLL-RAND, BINGHAM-WILLIAMETTE, OR BYRON-JACKSON DEEP DRAFT PUMPS	WILL NOT BE USED FOR ECCS OR RHR APPLICATIONS	PUMPS
BULL 79-025	RELAYS	(See also CIRC 76-002 WILL NOT BE USED IN SAFETY-RELATED SYSTEMS	
BULL 79-025		SEE BULL 76-005	
BULL 79-028	NAMCO MODEL EA-180 LIMIT SWITCH	LIMIT SWITCHES BEARING DATE CODE FROM FEGRUARY 1979	LIMIT SWITCH

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		TO AUGUST 1979 WILL NOT BE USED AT FERMI 2	
BULL 80-019	C. P. CLARE MERCURY WETTED MATRIX RELAYS, MODEL HG2X-1011	WILL NOT BE USED AT FERMI 2 (See also SER 39-80)	RELAYS
Bull 80-020	WESTINGHOUSE W-2 CONTROL SWITCHES	WILL NOT BE USED AT FERMI 2	CONTROL SWITCH
BULL 80-021	VALVE YOKES SUPPLIED BY MALCOLM FUNDRY COMPANY, INC.	WILL NOT BE USED ON SAFETY-RELATED SYSTEMS	VALVE YOKES
BULL 80-023	VALCOR SOLENOID VALVES PART NUMBER V70900-21-1 AND V70900-21-3	WILL NOT BE USED AT FERMI 2	VALVE SOLENOID
BULL 80-002	WESTINGHOUSED ELECTRO-MECHANICAL DAVISION W-EMD 3 INCH VALVES	WILL NOT BE USED AT FERMI 2	VALVE
BULL 81-002	BORG-WARNER NUCLEAR VALVE DIVISION BW-NVD, 3 INCH, 1500 POUND MOTOR-OPERATED GATE VALVE	WILL NOT BE USED AT FERMI 2	VALVE
BULL 82-004	BUNKER RAMO CONTAINMENT PENETRATION ASSEMBLIES	WILL NOT BE USED ON SAFETY- RELATED SYSTES	CONTAINMENT
BULL 83-005	HAYWARAD TYLER PUMP COMPANY PUMPS AND SPARE PARTS	WILL NOT BE USED AT FERMI 2	PUMPS
BULL 83-007	RAY MILLER, INC. ANY PRODUCT	NO RAY MILLER, INC PRODUCTS WILL BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL	VENDOR
BULL 84-002	GENERAL ELECTRIC KFA RELAYS WITH NYLON OR LEXAN COILS	WILL NOT BE USED AT FERMI 2 (See SIL 44)	GENERAL ELECTRIC RELAYS
BULL 86-002	STATOC O-RING DIFFERENTIAL PRESSURE SWITCHEDS MODELS 102 AND 103	WILL NOT BE USED AT FERMI 2 (See Letter VO 86-0139)	SWITCH
BULL 88-001	WESTINGHOUSE TYPE DS AND DSL CIRCUIT BREAKERS	WILL NOT BE USED AT FERMI 2 (REF: DER 88-0240, See SEN 51)	CIRCUIT BREAKERS WESTINGHOUSE
BULL 88-003	GENERAL ELECTRIC HFA LATCHING TYPE RELAYS	RELAYS: MANUFACTURED PRIOR TO NOV. 1987 WILL NOT BE USED AT FERMI 2 (REF: DER 88-0510)	GENERAL ELECTRIC RELAYS

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BULL 88-005	ASTM & ASME PIPE FITTING & FLANGES SUPPLIED BY CHEWS LANDING METAL MANUFACTURERS, PIPING SUPPLIES, INC. (PSI), AND WEST JERSEY MFG. CO. (WJM)	WILL NOT BE USED AT FERMI 2 (REF. DER 88-1041)	FITTING FLANGES
BULL 90-01	ROSEMOUNT MODEL 1153 TRANSMITTERS	LOSS OF FILL OIL IN TRANSMITTERS MANUFACTURED BY ROSEMOUNT. THE CONDITIONS WERE IDENTIFIED IN 1990 AND HAS BEEN ADDRESSED IN DI 90-228. THE SUSPECT LOT TRANSMITTERS HAVE EITHER BEEN REPLACED OR ARE PLACED IN PERFORMANCE SURVEILLANCE TEST EVENT PST BS01. ROMSEMOUNT MODEL 1153 SERIES B&D AND MODEL 1154 TRANSMITTERS MANUFACTURED BEFORE JULY 11, 1989 WILL NOT BE USED AT FERMI 2 WITHOUT APPROVAL	ROSEMOUNT (MODEL 1153 SERIES B&D TRANSMITTER) ROSEMOUNT (MODEL 1154 TRANSMITTER)
CARD 97-10511	PYCO RESISTANCE TEMPERATURE DETECTORS (RTDS)	SCREW COVER TERMINAL ENCLOSURES WERE FABRICATED FROM ALUMINUM INSTEAD OF CAST IRON AS SPECIFIED ON THE ASSEMBLY DRAWING. THE ALUMINUM AND CAST IRON ENCLOSURE WAS TESTED AND PASSED SPEC. (CARD 97-10511)	PYCO RESISTANCE TEMP DETECTOR RTD
CARD 97-10519	OMEGA SERIES SPRINKLER HEADS	OMEGA SERIES SPRINKLER HEADS MANUFACTURED BETWEEN 1983 AND JUNE, 1996 MODELS C-1, C-1A, R-1, R-1M, EC-20, EC-20A MODEL M UPRIGHT MODEL M, SIDEWALL, HEC-12, HEC, FLOW CONTROL PENDENT FLUSH AND FLOW CONTROL PENDENT SPRINKLER HEADS-----WILL NOT BE USED AT FERMI.	IN 97-72 SPRINKLER HEAD OMEGA
CARD 97-11224	FISHER CONTROL VALVES NITRILE/NYLON DIAPHRAGMS	FISHER CONTROL VALVES, NITRILE/NYLON DIAPHRAGMS (FISHER PART NUMBER: 1R6375X0022 AND 2R6376X0032) USED WITH THE SS-137 ACTUATOR AND SIZE TYPE-657, 667, 667NS AND 667NS PNEUMATIC ACTUATORS-----WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL	DIAPHRAGM, SIZE 80 ACTUATOR FIN 97-01
CARD 97-11225	GENERAL ELECTRIC TYPE CR 120AD RELAYS	A MANUFACTURING DEFECT OF A RELAY COIL PIG-TAIL NOT BEING LANDED ON THE INSULATING LEAD PAD AND LAYING DIRECTLY ON THE OUTER LAYER OF THE WINDING. THIS PLACED INSULATION ON THE AFFECTED LENGTH OF MAGNET WIRE IN A HIGH-ELECTRICAL-STRESS CONDITION THAT LED TO DIELECTRIC BREAKDOWN; EFFECTIVELY SHORT CIRCUITING THE COIL. GENERAL ELECTRIC TYPE CR120AD RELAYS MANUFACTURED PRIOR TO 1998 SHOULD BE TESTED PER THE TENCREC'S CURRENT TEST PROCEDURE NRC082495 PRIOR TO USE. (CARD 97-11225)	GE GENERAL ELECTRIC CR120AD RELAY
CARD 97-11226	KEROTEST (K085) 2 INCH Y-TYPE SERIES 1513 CHECK VALVES	INCORRECT DESIGN INFORMATION SUPPLIED BY THE VENDOR INDICATING LOWER THAN ACTUAL OPENING DESIGN PRESSURE REQUIREMENTS RESULTED IN TWO CHECK VALVES OPENING ONLY A SMALL FRACTION OF THEIR FULL STROKE. DESIGN INFORMATION FOR KEROTEST, Y-TYPE, SERIES 1513, CHECK VALVES	KEROTEST Y-TYPE SERIES 1513 CHECK VALVE

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		MANUFACTURED PRIOR TO 1974 SHALL BE VERIFIED PRIOR TO USE. (CARD 97-11226)	
CARD 98-12315	GOULDS PUMPS	THROUGH NRC INVESTIGATION IT WAS DETERMINED THAT GOULDS PUMPS DID NOT HAVE ADEQUATE PROCEDURES TO VERIFY THE COMPOSITION OF ALLOYS OR VERIFY PROPER HEAT TREATING. GOULDS PUMPS SHOULD BE RESTRICTED TO NON-SAFETY RELATED ITEMS. ALL FUTURE SAFETY RELATED ORDERS WILL IMPOSE A RESTRICTION FOR GOULD PUMPS AS DESCRIBED IN THE APPROVED SUPPLIERS LIST. (CARD 98-12315)	GOULDS PUMPS
CARD 98-12579	SENTRY EQUIPMENT	SENTRY EQUIPMENT WAS DISCOVERED TO NOT HAVE DOCUMENTED PROCEDURES DESCRIBING THEIR COMMERCIAL GRADE DEDICATION PROCESS AND AS A RESULT, LACKED SUFFICIENT OBJECTIVE EVIDENCE TO PROVIDE REASONABLE ASSURANCE THAT ITEMS SUPPLIED HAVE BEEN PROCURED OR TESTED TO REQUIREMENTS NEEDED TO DEMONSTRATE THE CAPABILITY OF THE PARTS TO PERFORM THEIR INTENDED SAFETY FUNCTION. SENTRY EQUIPMENT SHOULD NOT BE BOUGHT FOR COMMERCIAL DEDICATION APPLICATIONS UNTIL THEY ARE ADDED TO THE CQ APPROVED SUPPLIERS LIST. (CARD 98-12579)	SENTRY EQUIPMENT
CARD 98-16000	VALCOR V70900-65-11 AIR PILOT VALVES	MODEL V70900-65-11 FAILED TO STROKE CLOSED IMMEDIATELY IN THREE CASES UPON DEENERGIZATION. CLOSING TIMES RANGED FROM ONE TO FIVE MINUTES. THE DEFICIENCY MAY BE RELATED TO POSSIBLE SUSCEPTIBILITY OF THIS MODEL TO THE EFFECTS OF RESIDUAL MAGNETISM. ONLY V70900-65-11 ARE THE SUBJECT OF THE NOTICE, V70900-65 AIR PILOT VALVES ARE NOT SUBJECT TO THE DELAY. VALCOR V70900-65-11 AIR PILOT VALVES SHALL NOT BE USED AT FERMI 2. (CARD 98-16000)	VALCOR AIR PILOT VALVES
CARD 98-18327	SWAGELOK SS-1613-1 1-INCH STAINLESS STEEL FRONT FERRULES	AFFECTED ITEMS ARE ONE INCH FERRULES FROM THE FOLLOWING HEAT CODES: ILA, JVA & JYL. THE 45-DEGREE CHAMFER ON THE TRAILING EDGE OF THE FERRULE MAY NOT BE CORRECT. LABORATORY TESTING OF THE PARTS WITH THIS INCORRECT DIMENSION HAD THE TUBING SLIP OUT OF THE FITTING AT THREE TIMES WORKING PRESSURE OF THE TUBING. SWAGELOK SS-1613-1 1-INCH STAINLESS STEEL FRONT FERRULES WITH THE FOLLOWING HEAT CODES: ILA, JVA & JYL MANUFACTURED BETWEEN SEPTEMBER 1997 AND NOVEMBER 1998 SHOULD NOT BE USED AT FERMI 2. (CARD 98-18327)	SWAGELOK FERRULE TUBE FITTING
CARD 98-18358	SWAGELOK SS-503-1, SS-500-SET, AND SS-500-6-2BT STAINLESS STEEL FRONT FERRULES	THE FOLLOWING PART NUMBERS AND PRODUCT ID'S FOR THE PRODUCTS AFFECTED ARE AS FOLLOWS: PART NO. SS-503-1, PRODUCT ID: R17IE0516; PART NO. SS-500-SET, PRODUCT ID: R18FN0151; AND PART NO. SS-500-6-2BT, PRODUCT ID: R18GV0197. THIS ISSUE ONLY AFFECTS THE FERRULES, SS-503-1 WHICH MAY BE PART OF THE OTHER ASSEMBLIES. AFFECTED PARTS ARE ALSO MARKED WITH THE HEAT CODE "IVD". THE FERRULE MAY HAVE BEEN MACHINED WITH AN IMPROPER LENGTH, CAUSING A 45 DEGREE CHAMFER AT THE TRAILING EDGE TO BE MISSING. IT WILL LEAK IMMEDIATELY ON GAS SERVICE AND WILL HOLD TO ABOUT 2.5 TIME WORKING PRESSURE OF THE TUBING DURING A HYDRAULIC PRESSURE TEST. THESE FERRULES IF MANUFACTURED BETWEEN SEPTEMBER 1997 AND NOVEMBER 1998 SHOULD NOT BE USED AT FERMI 2. (CARD 98-18358)	SWAGELOK FERRULE TUBE FITTING

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CARD 99-10376	ROSEMOUNT MODEL 1153B ALPHALINE NUCLEAR PRESSURE TRANSMITTER	IN THE SPECIFICATION AND OUTLINE DIMENSION DRAWINGS FOR ALL 1153 SERIES B MODEL TYPES, THE MODULE QUALIFIED LIFE AND ELECTRONICS QUALIFIED LIFE ARE IN ERROR. ALSO, IN THE SPECIFICATION AND OUTLINE DIMENSION DRAWING FOR DIFFERENTIAL PRESSURE TRANSMITTER, MODEL 1153DB, IN PARAGRAPH 4.2.2, THE ACCURACY OF THE OUTPUT CODE "R" FOLLOWING EXPOSURE TO 22 MEGARADS TID OF GAMMA RADIATION EXPOSURE IS INCORRECTLY STATED AS +/- 1.5% OF UPPER RANGE LIMIT. THE CORRECT ACCURACY VALUE SHOULD BE +/- 4.0% OF UPPER RANGE LIMIT. THE QUALIFICATION REPORT, PRODUCT DATA SHEET AND PRODUCT MANUAL CONTAIN THE CORRECT INFORMATION AND SHOULD BE USED.. (CARD 99-10376)	ROSEMOUNT PRESSURE TRANSMITTER
CARD 99-10877	COLTEC INDUSTRIES EDG SYNCHRO-START ESSB-4AT (MODEL SA2110), ESSB-3AT AND ESSB-2AT SPEED SWITCHES.	SYNCHRO-START ESSB-4AT SPEED SWITCHES MALFUNCTIONED AFTER APPROX. 70 HOURS OF ENERGIZATION DUE TO A CURRENT LIMITING RESISTOR OF THE WRONG VALUE BEING INSTALLED. THIS ISSUES WAS ONLY IDENTIFIED IN ESSB-4ATS BUT MAY INCLUDE -3ATS AND -2ATS. WHEN THE SPEED SWITCH FAILS IN CASES WITHOUT REDUNDANT STARTING CIRCUITRY, THE DIESEL WOULD FAIL TO START. EDG SYNCHRO-START ESSB-4AT (MODEL SA2110), ESSB-3AT AND ESSB-2AT SPEED SWITCHES MANUFACTURED PRIOR TO MARCH 1999 SHOULD BE VERIFIED TO HAVE THE CORRECT CURRENT LIMITING RESISTOR.(CARD 99-10877)	COLTEC EDG SPEED SWITCH
CARD 99-15134	ROSEMOUNT 510/710DU TRIP/CALIBRATION UNITS	AFFECTED MODELS INCLUDE OBSOLETE 510DU AND OLDER 710DU TRIP UNITS WITH S/N BELOW #66667. THERE WERE 10 CONFIRMED RANDOM FAILURES OF C25 CAPACITORS. AS A PRECAUTIONARY MEASURE, A COMPONENT CHANGE WAS INSTITUTED ON THE C25 CAPACITOR BEGINNING WITH MANUFACTURER DATE CODE 8630. WHEN FAILED, THE CAPACITOR CAN RENDER A SHORT BETWEEN SUPPLY INPUT AND GROUND. ROSEMOUNT 510/710DU TRIP/CALIBRATION UNITS MANUFACTURED PRIOR TO 1987 SHALL BE VERIFIED TO HAVE NEW C25 CAPACITORS WITH ENHANCED MOISTURE SEALS. (CARD 99-15134)	ROSEMOUNT TRIP UNIT
CARD 99-15502	WESTINGHOUSE AR/ARD RELAYS	SEISMIC QUALIFICATION TESTS HAVE ONLY BEEN PERFORMED ON RELAYS WHERE THE MAXIMUM NORMALLY CLOSED CONTACTS IS FOUR. WESTINGHOUSE AR/ARD RELAYS USED IN SAFETY RELATED APPLICATION SHALL HAVE NO MORE THAN FOUR CONTACTS. (CARD 99-15502)	WESTINGHOUSE RELAYS
CARD 99-15751	FOXBORO CONTACT OUTPUT ISOLATORS N-2A0-L2C-R AND N-2A0-L2C-R WITH POTTER AND BRUMFIELD RELAYS	AFFECTED MODELS ARE N-2A0-L2C-R AND N-2A0-L2C-R WITH ECEP 10273, THAT HAVE N0152CK OR C0147SS RELAYS. THE RELAYS CAN DEVELOP A RESISTIVE SHUNT PATH BETWEEN ADJACENT METALLIC SURFACES AND THE PURE TIN PLATED CONTACT SUPPORT ARMS. THE RESISTIVE SHUNT PATH IS CAUSED BY TIN WHISKERS GROWING UNDER LOW-VOLTAGE/LOW-CURRENT APPLICATIONS. AFFECTED RELAYS ARE THOSE SUPPLIED BY POTTER & BRUMFIELD, MANUFACTURED FROM 12/1/1981 TO 12/31/1993. ADDITIONAL FOXBORO CONTACT OUTPUT ISOLATORS N-2A0-L2C-R AND N-2A0-L2C-R WITH POTTER AND BRUMFIELD RELAYS MANUFACTURED FROM 12/1/1981 TO 12/31/1993 SHALL NOT BE INSTALLED IN FERMI 2. (CARD 99-15751)	FOXBORO CONTACT OUTPUT ISOLATOR
CARD 99-17136	FOXBORO CONTACT OUTPUT ISOLATOR AND/OR N0152CK SPARE RELAYS	N-2A0-L2C-R OR 2A0-L2C-R CONTACT OUTPUT ISOLATOR CARDS MAY CONTAIN N0152CK RELAYS. N0152CK RELAYS MANUFACTURED BY COMMUNICATIONS	FOXBORO CONTACT OUTPUT ISOLATOR RELAY

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		INSTRUMENTS WITH DATE CODES BETWEEN 9801 AND 9936 MAY NOT RETURN TO THEIR NORMAL DE-ENERGIZED POSITION WHEN THE RELAY IS DE-ENERGIZED DUE TO THE RELAYS UTILIZING A MYLAR REPAIR RESIDUAL. FOXBORO CONTACT OUTPUT ISOLATORS CARDS N-2A0-L2C-R OR 2A0-L2C-R MANUFACTURED BETWEEN JANUARY 1998 OCTOBER 1999 SHALL BE VERIFIED THAT THEY DO NOT INCLUDE C11 RELAYS MANUFACTURED BY COMMUNICATIONS INSTRUMENTS (N0152CK) WITH DATE CODES BETWEEN 9801 AND 9936 (CARD 99-17136)	
CARD 99-17143	WESTINGHOUSE TECHNICAL BULETIN NO W-TB-99-05	WESTINGHOUSE D8-50 CIRCUIT BREAKERS ARE NOT CURRENTLY IN USE AT FERMI II. FUTURE INSTALLATION OF THESE BREAKERS REQUIRE REVIEW OF WERSTINGHOUSE TECHNICAL BULLETIN W-TB-95-05 (CARD 99-17143)	W-TB-99-05 WESTINGHOUSE D8-50 CIRCUIT
CARD 99-17602	SWAGELOK SS-400-3-4TTM TUBE FITTING	MALE BRANCH TEE, PART NUMBER SS-400-3-4TTM, HAS A POSSIBLE DEFECT: A CRACK IN THE SEAT OF THE FITTING. SWAGELOK SS-400-3-4TTM TUBE FITTING MANUFACTURED IN 1977 SHALL NOT BE USED AT FERMI 2. (CARD 99-17602)	SWAGELOK TUBE FITTING MALE BRANCH TEE
CARD 00-10137	GENERAL ELECTRIC TYPE AK-15, AD-25 AND AKR-30S CIRCUIT BREAKERS THAT HAVE BEEN CONVERTED TO THE MICRO VERSA TRIP PLUS (MVT+)	GENERAL ELECRCIC TYPE AK-15, AK-25 AND AKR-20S CIRCUIT BREAKERS THAT HAVE BEEN CONVERTED TO THE MICRO VERSA TRIP PPLUS (MVT+) OVERCURRENT TRIP DEVICES. THESE BREAKERS HAVE FAILED TO BE ABLE TO RESET OR THE FLUX SHIFTER CONTAINED IN THE MVT+ FAILING TO RESET. THIS APPLIES ONLY TO THE AK BREAKERS WHICH HAVE INTERNALLY SENSED TRIPS FROM THE MVT+. (CARD 00-10137)	GENERAL ELECTRIC GE CIRCUIT BRAKER
CARD 00-10231	DRESSER RAND REVERSE CHAMBER	DRESSER RAND WHO ACQUIRED TERRY TURBINE N 1987, CHANGED THE SPECIFICATIONS OF THE REVERSING CHAMBERS USED ON THE HPCI AND RCIC TURBINES. THIS CHANGE WAS MADE IN OR AFTER 1993. IT INCLUDED MACHINING OF THE BOLTJED SURFACES. SOME REVERSING CHAMBERS WERE FURNISHED TO UTILITIES AS UNFINISHED CASTNG PRIOR TO 1993. THIS UNFINISHED CASTING HAD A HAD A ROUGH FINISH, NOT A FINAL MACHINED FINISH ON THE BOLTED SURFACE. LIMIERICK 1, ON 4/12/2000 EXPERIENCED RUBBING WHEN A REPLACEMENT REVERSING CHAMBER WITH A ROUGH FINISH WAS INSTALLED ON THEIR HPCI TURBINE (CARD 00-10231)	TERRY TURBINE DRESSER RAND REVERSING CHAMBER
CARD 00-12429	WOODWARD 2301A GOVERNOR CONTROLLER PART NUMBER 9903-337	THE POWER SUPPLY CAPACITOR (DEVICE C17) HAS A PREDICTIVE LIFE OF 5-7 YEARS. 3 INCIDENTS OF FAILURE OCCURRED BETWEEN 1994 AND 2000; ALL OF WHICH WERE AFTER THE PREDICTIVE LIFE OF THE CAPACITORS. WHEN THE POWER SUPPLY CAPACITOR FAILS, IT RENDERS THE CONTROL INOPERABLE. PMS SHALL BE CREATED IN THEIPMP TO REPLACE THE CAPACITORS EVERY 6 YEARS. (CARDS 00-12429 AND 01-19000)	WOODWARD GOVERNOR CONTROLLER 2301A
CARD 00-13073	ABB 4KV TYPE HK CIRCUIT BREAKER TRIP ROLLERS	SEVERAL TRIP ROLLERS, ABB PART NUMBER 180097A00, WERE FOUND BELOW THE MINIMUM HARDNESS SPECIFICATION, ROCKWELL C 50-55. BREAKERS WITH TRIP ROLLERS THAT ARE NOT PROPERLY HARDENED MAY FAIL TO TRIP AT SOME POINT DURING THE LIFE OF THE BREAKER. ABB 4KV TYPE HK CIRCUIT BREAKER TRIP ROLLERS SHIPPED AS STOCK OR AS PARTS OF COMPLETE CIRCUIT BREAKERS BETWEEN OCTOBER 30, 1995 AND JUNE 1999 SHOULD BE VERIFIED TO MEASURE ROCKWELL C50-55. IF THEY MEASURE LESS THEY SHOULD BE REPLACED.(CARD 00-13073)	ABB CIRCUIT BREAKER
CARD 00-13701	ITT CONOFLOW GT25 I/P TRANSDUCER, GT25CA1826,	ITT CONOFLOW GT25 I/P TRANSDUCER, GT25CA1826, GT25FA1826, GT45CA1826,	ITT CONOFLOW

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	GT25FA1826, GT45CA1826, GT45FA1826, GT65CA1826, GT65FA1826	GT45FA1826, GT65CA1826, GT65FA1826 MANUFACTURED BETWEEN 1986 AND 2000 HAD TRANSDUCER MAGNETS SECURED WITH AN UNQUALIFIED LOCTITE MATERIAL. MANUFACTURER'S TESTING HAS SHOWN THAT THE MATERIAL BREAKS DOWN WHEN EXPOSED TO TEMPERATURES EXCEEDING 120 DEGREES C. THE BOND STRENGTH MAY NOT BE ACCEPTABLE TO INSURE THAT THE MAGNET AND COPE CAP DO NOT SHIFT FROM LATERAL SEISMIC LOADING. THIS MAY RESULT IN FAILURE OF THE TRANSDUCER. THESE TRANSDUCERS SHOULD NOT BE USED IN SAFETY RELATED APPLICATIONS WHEN NORMAL OR ACCIDENT TEMPERATURES EXCEED 120 DEGREES C. (CARD 00-13701)	TRANSDUCER
CARD 00-14018	BENDIX/AMPHENOL CONNECTOR WITH A NEOPRENE INSERT MODEL MS3106A-10SL-3S	BENDIX/AMPHENOL CONNECTOR WITH A NEOPRENE INSERT MODEL MS3106A-10SL-3S NEOPRENE MATERIALS ARE SUSCEPTIBLE TO DEGRADATION AT A HIGHER TEMPERATURE CONDENSING HUMIDITY. THE COMBINATION OF NEOPRENE, HIGH TEMPERATURE AND HUMIDITY PROMOTES "OUTGASING" WHICH PRODUCES HYDROCHLORIC ACID AND ACID STONG ACID, HIGHLY CORROSIVE AND CONDUCTIVE OF ELECTRICITY. THE MAXIMUM CONTINUOUS OPERATING TEMPERATURE OF NEOPRENE IS 170 DEGREE F (77 DEGREE C) THEREFORE, USE OF NEOPRENE SHALL BE RESTRICTED WHERE NEOPRENE WILL NOT BE EXPOSED TO A TEMPERATURE OF 170 DEGREES F (77 DEGREE C) OF HIGHER ALONG WITH CONDENSING HUMIDITY, I.E. NOT TO BE USED INSIDE THE DRYWELL AND THE STEAM TUNNEL (CARD 00-14018)	BENDIX AMPHENOL CONNECTORS NEOPRENES
CARD 01-10530	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353CI CONDUIT SEALS	A COUPLE ROSEMOUNT NUCLEAR INSTRUMENTS CONDUIT SEALS, MODELS 353C AND 353CI WERE FOUND TO CONTAIN AN OUTPUT SHORT CONDITION. ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353CI SHOULD HAVE THEIR CONDUIT SEALS FUNCTIONALLY TESTED PRIOR TO INSTALLATION. (CARD 01-10530)	ROSEMOUNT CONDUIT SEALS
CARD 01-10531	SKW-MBT EMBECCO 636 GROUT	SKW-MBT MANAGEMENT INC.'S RE-ANALYSIS INDICATES THAT SEGREGATION AND FROTHING OF INGREDIENTS IN AN UNHARDENED STATE MAY OCCUR FOR THE FOLLOWING LOT NUMBERS IF MIXED TO A FLUID CONSISTENCY: M4-73733P0, M4-44623R9, M4-57904V9, AND M4-72073P0. A SIMILAR SITUATION WAS DISCOVERED PREVIOUSLY IN 1997 WITH MASTERFLOW 713 (CMTR) AND EMBECCO 636 (CMTR) PRODUCED IN STREETSBORO, OH. THE INCOMPATIBILITY WAS ONLY OBSERVED AFTER THE PRODUCTS AGED (SHELF-LIFE) FOR MORE THAN 3 MONTHS. MASTERFLOW 713 (CMTR) AND EMBECCO 636 (CMTR) WITH THE FOLLOWING LOT NUMBERS: M4-73733P0, M4-44623R9, M4-57904V9, AND M4-72073P0 SHOULD NOT BE USED AT FERMI 2. (CARD 01-10531)	SKW-MBT GROUT
CARD 01-10587	ABB HK AND K-LINE CIRCUIT BREAKERS	THE CONTROL DEVICE HAS A SPRING RETAINER THAT HAS BEEN FOUND TO BREAK DUE TO METAL FATIGUE CAUSING FAILURE OF THE CONTROL CONTACTS TO MAKE AND BREAK PROPERLY. SPRING RETAINERS IN UNITS MANUFACTURED AFTER SEPTEMBER 1979 HAVE MORE MATERIAL AT THE BASE, TO ENSURE THIS DOES NOT HAPPEN. CONTROL DEVICES OLDER THAN 1981 SHALL BE REPLACED WITH THE NEW CONTROL DEVICES. (CARD 01-10587)	ABB CIRCUIT BREAKERS
CARD 01-17488	TERRY TURBINE TRIP/THROTTLE VALVE SCREW SPINDLE	A VALVE SCREW SPINDLE MADE OF AN INCORRECT GRADE STEEL FAILED AT CATAWBA UNIT #2. INCORRECT GRADES WERE TRACED BACK TO 1974, INCLUDING THE FOLLOWING SERIAL NUMBERS FOR T/T VALVES: 74-12201-01 TO 74-12244-02, 78-13136-01, 78-13215-01, 78-13291-01. SPINDLE SCREWS SUSPECTED TO BE FROM 1974-1975 SHALL BE TESTED TO CONFIRM THAT THE MATERIAL IS CORRECT (GRADE	TERRY TURBINE TRIP & THROTTLE VALVE VALVE SCREW SPINDLE

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		1018 CARBON STEEL) (CARD 01-17488)	
CARD 01-18849	GENERAL ELECTRIC IRM INVERTER MODULE PART 368X188AAG006	GENERAL ELECTRIC IRM INVERTER MODULE PART NUMBER 368X188AAG006 WILL NOT BE USED AT FERMI 2. SEE CARD 01-18849. SPRS STOCK CODE 489-1166 DESCRIPTION FOR INVERTER MODULE 368X188AAF004 HAS BEEN UPDATED FOR THE SAME. (CARD 01-18849)	IRM SURGE SUPPRESSION INVERTER MODULE
CARD 01-19000	WOODWARD 2301A GOVERNOR CONTROLLER PART NUMBER 9903-337	THE POWER SUPPLY CAPACITOR (DEVICE C17) HAS A PREDICTIVE LIFE OF 5-7 YEARS. 3 INCIDENTS OF FAILURE OCCURRED BETWEEN 1994 AND 2000; ALL OF WHICH WERE AFTER THE PREDICTIVE LIFE OF THE CAPACITORS. WHEN THE POWER SUPPLY CAPACITOR FAILS, IT RENDERS THE CONTROL INOPERABLE. PMS SHALL BE CREATED IN THEIPMP TO REPLACE THE CAPACITORS EVERY 6 YEARS. (CARDS 00-12429 AND 01-19000)	WOODWARD GOVERNOR CONTROLLER 2301A
CARD 02-11311	AMETEK AEROSPACE, GULTON STATHAM TRANSMITTERS	TRANSMITTERS, DR/PG/PD/PDH3200 & PD/PDH3218, DEMONSTRATED TEMPERATURE EFFECTS OF $\pm 4\%$ 180°F TO 250°F AT UPPER RANGE LIMIT (URL) INSTEAD OF THE SPECIFIED $\pm 1.5\%$. AT TEMPERATURES 40°F TO 180°F, THE TRANSMITTERS ACTED WITHIN SPECIFIED TOLERANCES. RADIATION ERROR ALSO DEVIATES FROM SPECIFICATION. TEST DATA AT 10MRADS SHOWED THAT THE MAXIMUM RADIATION ERROR, DURING EXPOSURE, WAS $\pm 7.6\%$ (10MRADS TID) AT URL. ORIGINAL SPECIFICATION WAS $\pm 3\%$ (33MRADS TID) AT URL AND $\pm 5.5\%$ (55 MRADS TID) AT URL. AMETEK AEROSPACE, GULTON STATHAM TRANSMITTERS, DR/PG/PD/PDH3200 & PD/PDH3218, SHIPPED BETWEEN DECEMBER 1997 AND DECEMBER 2001 SHALL HAVE THEIR UPPER RANGE LIMIT AND MAXIMUM RADIATION ERROR VALUES RECONCILED PRIOR TO INSTALLATION AT FERMI 2. (CARD 02-11311)	AMETEK AEROSPACE GULTON STATHAM TRASMITTER
CARD 02-12424 CARD 02-12488	BARTON NUCLEAR ADVISORY DATED MARCH 14 2002.	BARTON SWITCHES WITH SERIAL NUMBERS LESS THAN 40,920 FOR MODEL 288A AND LESS THAN 16,421 FOR MODEL 289A SHALL NOT BE ORDERED PER CARD 02-12424	CARD 02-12424 BARTON SWITCHES CARD 02-12488 MODEL 288A MODEL 289A
CARD 02-12517	AUTOMATIC VALVE CORPORATION (AVCO), 4-WAY PNEUMATIC VALVES FOR GE MSIVS	MAIN STEAM ISOLATION VALVES (MSIVS) WITH 4-WAY PNEUMATIC VALVES MANUFACTURED BY AUTOMATIC VALVE CORPORATION (AVCO), MAY HAVE DELAYED INBOARD MSIV CLOSURE FOR LARGE BREAK LOSS OF COOLANT ACCIDENTS (LOCAS). AVCO STATES THAT THE SUPPLY PRESSURE MUST BE AT LEAST 50 PSI ABOVE THE DISCHARGE PRESSURE (DRYWELL PRESSURE). FOR A LARGE BREAK LOCA, THE DRYWELL PRESSURE MAY INCREASE SO THAT 50 PSI DIFFERENTIAL PRESSURE IS NOT MAINTAINED OVER THE ENTIRE DURATION OF MSIV CLOSURE. FERMI 2 HAS A 2-WAY VALVE IN PARALLEL WITH THE 4-WAY. IF THE 4-WAY IS SLUGGISH THE 2-WAY VALVE WILL INITIATE THE MSIV CLOSURE.(CARD 02-12517)	GE MSIV AVCO 4-WAY PNEUMATIC VALVES
CARD 02-16838	GE CR 120 SERIES RELAYS	DO NOT ORDER GE CR120 SERIES RELAYS WITH 115 VAC COILS. ORDER THE CR120 SERIES RELAYS WITH 115-120 VAC COILS (AFTER DATE CODE VA135& AFTER 35 TH WEEK IN 2001) THAT ARE RATED AT 120VAC 60 HZ	CARD 02-16838 DER 94-0333 SIL 229 SUPPLEMENT 1 GE RELAYS GE CR120 SERIES RELAYS

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CARD 02-12708	ROSEMOUNT PRESSURE TRANSMITTER	MODEL 1153 AND 1154 WITH SPECIAL ADJUSTABLE DAMPING OPTIONS N0037, N0039, N0058, N0085, N0102, N0108, N0120 SHIPPED BETWEEN DECEMBER 2000 AND JULY 2002 AND ADJUSTABLE DAMPING CIRCUIT BOARDS WITH PART NUMBER 01154-0021-0004 SHIPPED BETWEEN DECEMBER 2000 AND JULY 2002 MAY NOT MEET RNII'S PUBLISHED NUCLEAR STEAM PRESSURE/TEMPERATURE SPECIFICATION AND/OR RNII'S PUBLISHED POST DBE OPERATION SPECIFICATION. MODEL 1153 AND 1154 TRANSMITTERS WITHOUT THE OPTIONAL ADJUSTABLE DAMPING CIRCUIT BOARD ARE NOT AFFECTED. CAPACITORS MADE BY AMERICAN CAPACITOR CORPORATION THAT WERE USED ON THE ADJUSTABLE DAMPING CIRCUIT BOARD WERE INADEQUATELY TESTED FOR CONFORMANCE TO RNII'S STANDARDS. ROSEMOUNT PRESSURE TRANSMITTER MODELS 1153 AND 1154 WITH SPECIAL ADJUSTABLE DAMPING OPTIONS N0037, N0039, N0058, N0085, N0102, N0108, N0120 SHIPPED BETWEEN DECEMBER 2000 AND JULY 2002 AND ADJUSTABLE DAMPING CIRCUIT BOARDS WITH PART NUMBER 01154-0021-0004 SHIPPED BETWEEN DECEMBER 2000 AND JULY 2002 MUST HAVE BEEN SENT TO ROSEMOUNT, TESTED AND RECERTIFIED PRIOR TO USE AT FERMI 2. (CARD 02-12708)	ROSEMOUNT PRESSURE TRANSMITTER
CARD 02-12709	NORGEN R18EMD PRESSURE REGULATING VALVES ON EMERGENCY DIESEL GENERATORS (EDGS)	AFFECTED SYSTEMS ARE EMD EDGS EQUIPPED WITH AIR START SYSTEMS USING NORGEN R18 RELIEVING STYLE AIR PRESSURE REGULATING VALVES. DURING START-UP, THE SUDDEN FLOW DEMANDS OF AIR CAUSE EXCESSIVE DEFLECTION OF INTERNAL COMPONENTS OF THE REGULATING VALVE, RESULTING IN THE INABILITY OF THE VALVE TO PROPERLY CLOSE FOLLOWING THE START EVENT. ALTHOUGH THE EVENT WOULD ONLY OCCUR FOLLOWING A START ATTEMPT, THE ABILITY TO ACHIEVE THE DESIGNED NUMBER OF ENGINE STARTS FROM A FULLY-CHARGED AIR RECEIVER COULD BE COMPROMISED. NORGEN R18EMD PRESSURE REGULATING VALVES SHALL NOT BE USED AT FERMI 2. (CARD 02-12709)	EDG EMD NORGREN R18 PRESSURE REG VALVE
CARD 02-12711	EMD EMERGENCY DIESEL GENERATORS (EDGS)	AFFECTED COMPONENTS ARE EMD 645 ENGINE PISTONS MANUFACTURED PRIOR TO 2/21/02. LOOSE CASTING FLASH MATERIAL APPLIED DURING THE MANUFACTURING PROCESS COULD BLOCK THE INSERT BEARING OIL PASSAGE AND CAUSE BEARING DAMAGE. EMD 645 ENGINE PISTONS SHALL NOT BE USED AT FERMI 2. (CARD 02-12711)	EMD EDG
CARD 02-12732	CUTLER-HAMMER A200 NEMA SIZE 1 STARTER	GINNA STATION EXPERIENCED AN OPEN PHASING-FAILURE AND THE MANUFACTURER IS INVESTIGATING THE EXTENT OF THE CONDITION. CUTLER-HAMMER A200 NEMA SIZE 1 STARTER SHALL NOT BE USED AT FERMI 2. (CARD 02-12732)	CUTLER-HAMMER STARTER
CARD 02-14692	ROTORK CONTROLS, INC TYPE NA1 ELECTRIC VALVE ACTUATOR	AFFECTED COMPONENTS ARE THE ROTORK NA1 TYPE ELECTRIC VALVE ACTUATORS FITTED WITH AN ADD-ON-PAK 1 (AOP1) ASSEMBLY WHICH WAS MANUFACTURED BETWEEN 1978 AND OCTOBER 2001 AND HAVE A SAFETY FUNCTION USED FOR END OF TRAVEL INDICATION. AOP1 CONTACTS MAY NOT INDICATE "END OF TRAVEL" WHICH COULD RESULT IN REPEATED ATTEMPTS TO CLOSE THE VALVE. THIS "HAMMERING" COULD POSSIBLY RESULT IN SEAT DAMAGE TO THE VALVE. ROTORK NA1 SHALL NOT BE USED AT FERMI 2. (CARD 02-14692)	ROTORK CONTROLS ACTUATOR

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CARD 02-18080	CARBOLINE CARBOZINC 11 SG BASE	THE NONCOMPLIANCE INVOLVES PREMATURE GELLATION OR SIGNIFICANT THICKENING PRIOR TO THE END OF THE 12-MONTH SHELF LIFE EXPIRATION DATE. SUCH MATERIAL WILL NOT ATOMIZE OR SPRAY PROPERLY, RESULTING IN POOR ADHESION TO THE SUBSTRATE. SHELF LIFE HAS BEEN CHANGED TO 6 MONTHS. CARBOLINE CARBOZINC 11 SG BASE MANUFACTURED PRIOR TO DECEMBER 2002 SHALL HAVE A 6 YEAR AND NOT A 12 YEAR SHELF LIFE. (CARD 02-18080)	CARBOLINE CARBOZINC
CARD 02-19244	ABB POWER SHIELD	SOLDER JOINTS HAVE BEEN FOUND BROKEN ON SOME PINS ON THE TAP BLOCKS OF THE TRIP DEVICES. THESE CRACKS ARE ONLY FOUND ON SINGLE-SIDED PRINTED CIRCUIT BOARDS. POWER SHIELDS MANUFACTURED AFTER SERIAL NUMBER 80,000 (YEAR 1990) HAVE DOUBLE-SIDED SOLDER PADS AND PLATED THROUGH PRINTED CIRCUIT BOARD HOLES. THERE IS NO LIKELIHOOD OF SIMILAR FAILURES AT TAP BLOCK PINS IN THE NEW PRINTED CIRCUIT BOARD DESIGN. PERIODIC INSPECTION AND IF NEEDED REPAIRS REQUIREMENTS WERE ADDED TO MAINTENANCE PROCEDURES. SEE 35.318.003. (CARD 02-19244)	ABB POWER SHIELD
CARD 03-11633	WHITING CRANE #25 HOIST UNIT	WHITING CRANES SOLD PRIOR TO 1980 WITH #25 HOIST UNITS DO NOT MEET THE DESIGN BASIS FACTOR OF SAFETY. REANALYZED CRANE COMPONENTS SHOW THAT SOME COMPONENTS ASSOCIATED WITH THE MAIN HOIST (#25 HOIST UNIT) ARE OVER-STRESSED. WHITING CRANE / #25 HOIST UNITS SOLD PRIOR TO 1980 SHALL BE ADMINISTRATIVELY LIMITED TO 50% CAPACITY UNTIL THEIR SERIAL NUMBER IS REVIEWED BY WHITING CRANE TO DETERMINE THEIR ACTUAL CARING CAPACITY. (CARDS 03-11633 AND 03-12001)	WHITING CORPORATION CRANE HOIST UNIT
CARD 03-11639	CARBOLINE COMPANY CARBOGUARD 890 PART B	BATCHES 2A266L, 2H275L AND 2H9352L SHALL NOT BE USED DUE TO PROBLEMS WITH SETTING.	CARBOLINE CARBOGUARD PAINT
CARD 03-11949	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS: H2009B-3 THROUGH H2001B-3 AND H2012B-3 THROUGH H2017B-3	A POTENTIAL SAFETY CONCERN WAS REPORTED REGARDING FAILURE OF THE CUTLER-HAMMER FREEDOM SERIES HEATER PACK DUE TO A POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL. HEATER PACKS ARE H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3.	EATON FRAMATOME CUTLER HAMMER HEATER HEATER PACKS
CARD 03-12001	WHITING CRANE #25 HOIST UNIT	WHITING CRANES SOLD PRIOR TO 1980 WITH #25 HOIST UNITS DO NOT MEET THE DESIGN BASIS FACTOR OF SAFETY. REANALYZED CRANE COMPONENTS SHOW THAT SOME COMPONENTS ASSOCIATED WITH THE MAIN HOIST (#25 HOIST UNIT) ARE OVER-STRESSED. WHITING CRANE / #25 HOIST UNITS SOLD PRIOR TO 1980 SHALL BE ADMINISTRATIVELY LIMITED TO 50% CAPACITY UNTIL THEIR SERIAL NUMBER IS REVIEWED BY WHITING CRANE TO DETERMINE THEIR ACTUAL CARING CAPACITY. (CARDS 03-11633 AND 03-12001)	WHITING CORPORATION CRANE HOIST UNIT
CARD 03-18613	THERMO WESTRONICS MODEL 2100C RECORDERS	THERMO WESTRONICS MODEL 2100C RECORDER SERIAL NUMBERS 2100C1824, 211 THROUGH 21C001835, TOTAL TEN RECORDERS. THESE RECORDERS WITH THE LI SERIAL NUMBERS SHOULD NOT BE USED AT FERMI 2. ALSO ANY 2100C RECORD MANUFACTURED BETWEEN AUGUST 2002 AND JANUARY 2003 SHOULD NOT BE USED AT FERMI 2.	RECORDERS THERMO WESTRONICS WESTRONICS
CARD 03-23446	GENERAL ELECTRIC AUXILIARY RELAYS TYPE	GENERAL ELECTRIC TYPE HMA RELAYS MANUFACTURED IN 1974 MAY HAVE A	RELAYS

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	HMA	MANUFACTURING DEFECT THAT CAN CAUSE THE NORMALLY CLOSED CONTACTS TO FAIL TO CLOSE BECAUSE OF BINDING OF THE ARMATURE AGAINST THE MOLDED PHENOLIC POST. THESE RELAYS CAN BE IDENTIFIED FROM THE DATE CODE ON THE GE QC ACCEPTANCE STICKER, LOCATED IN THE INTERNALS OF THE RELAYS. THE CODE CONSISTS OF TWO NUMERALS FOLLOWED BY SUFFIXES: AK, BK, CK, DK, EK, FK, HK, GK, JK, KK, LK AND MK.	SER 34-83 GENERAL ELECTRIC	
CARD 03-23448	ABB, BBC, GOULD, ITE, POWER SHIELD TRIP DEVICE	ITE POWER SHIELD DEVICE S55C SHALL NOT BE USED IN PLANT PROCESS APPLICATIONS. THEY CAN BE USED IN NON-PROCESS APPLICATIONS, I.E. OFFICE BUILDING HVAC, AUXILIARY BOILER PROCESS, ETC.	RELAYS TRIP DEVICE	38
CARD 04-20303	THERMO ELECTRON WESTRONICS PRINTED CIRCUIT ASSEMBLY (PCA), CB100295 REVISIONS A & B	THE THERMO WESTRONICS SERIES 3000 RECORDER PRINTED TRANSITION CIRCUIT BOARD CB100295C01, REVISIONS A & B AND CB100295-01 REVISIONS A AND B HAVE EXPERIENCED FAILURES RESULTING IN RECORDER FIRE IN THE SIMULATOR AS DOCUMENTED IN CARD 04-20303 AND ARE NOT TO BE USED AT EF2. THE CB100295 CIRCUIT BOARDS BECAME OBSOLETE IN 1996 AND WERE REPLACED WITH THE CURRENT CIRCUIT BOARD CB100460. NOTE USE OF THE CB100295 BOARD IS LIMITED TO REVISION LEVEL C OR HIGHER.	PRINTED CIRCUIT BOARD ELECTRONICS RECORDER WESTRONICS THERMO ELECTRON THERMO WESTRONICS	38
CIRC 76-002	WESTINGHOUSE BF (AC) AND BFD (DC) RELAYS	WILL NOT BE USED IN PROTECTIVE RELAY TRIPPING APPLICATIONS WILL NOT BE USED IN SAFETY RELATED SYSTEMS	RELAYS	
CIRC 76-005	ITT GRINNEL HYDRAULIC SNUBBERS	SERIES B0001 THROUGH WILL NOT BE USED AT FERMI 2	SNUBBER	
CIRC 76-006	PVC JACKETED CABLE	WILL NOT BE USED IN CABLE RUNS USED INTERNAL TO PANELS IS SUBJECT TO ENGINEERING REVIEW	CABLE	
CIRC 78-004	MESKER, D AND H PYROMATIC DOOR CLOSERS	WILL NOT BE USED AT FERMI 2	DOOR	
CIRC 78-007	BERGEN-PATTERSON HYDRAULIC SNUBBER TEST STAND	WILL NOT BE USED AT FERMI 2	SNUBBER	
CIR 78-009	GENERAL ELECTRIC NEMA SIZE 2 MOTOR STARTER, TYPE CR206D	WILL NOT BE USED IN SAFETY-RELATED APPLICATIONS (See also NE-PJ-86-0161)	CONTRACTORS	
CIR 78-015	TILTING DISC CHECK VALVES	WILL NOT BE USED AT FERMI 2	VALVE	
CIRC 79-010	TUBE-TURN FITTING	WILL NOT USE FITTINGS MADE FROM U.S. STEEL HEAT NUMBER N570028. ALSO, IDENTIFIED BY TURN TUBE AS LOT W6719	TUBE	
CIRC 79-013	CUMMINS TYPE 118848 MAG-NETIC SWITCH, CUMMINS TYPE 199573 DC RELAY CONTRACTORS	WILL NOT BE USED AT FERMI 2	SWITCH RELAYS	

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CIRC 79-017	GENERAL ELECTRIC METAL CLAD SWITCHGEAR	WILL NOT BE USED IN SAFETY-RELATED SYSTEMS	SWITCHGEAR
CIRC 79-020	SYLVANIA TYPE PM RELAYS	WILL NOT BE USED AT FERMI 2	RELAY
CIRC 79-023	GOULD NEMA SIZE 3 STARTERS AND CONTACTORS	STARTERS AND CONTACTORS MANUFACTURED BETWEEN JUNE STARTERS 1, 1978 AND AUGUST 30, 1979 WILL NOT BE USED AT FERMI 2	STARTERS CONTACTORS
CIRC 79-025	BERGEN-PATTERSON PART 2540 STRUT ASSEMBLIES	BERGEN PATERSON PART 2540 STRUT ASSEMBLY REAR BRACKETS CANNOT BE USED WITH PACIFIC SCIENTIFIC MECHANICAL SHOCK ARRESTORS MODEL PSA-10, PSA-35 AND PSA-100. THE COMBINATION MAY NOT FUNCTION AS INTENDED DUE TO INSUFFICIENT CLEARANCES. ALSO, THE 2540-120 STRUT ASSEMBLY MAY NOT BE ACCEPABLE FOR ITS LOAD RATING OF 120000 LBS. TESTING HAS INDICATED THAT THE MAXIMUM ACCEPTABLE LOAD IS ONLY 112000 LBS.	STRUTS
CIRC 80-011	SOLDERED TUBE HEAT EXCHANGERS	WILL NOT BE USED IN EMERGENCY DIESEL GENERATOR LUBE OIL COOLING APPLICATIONS	SOLDERED TUBE
CIR 80-016	ROSEMOUNT MODEL 1151 AND 1152 TRANSMITTERS WITH "A" AND "D" OUTPUT AMPLIFIERS	ROSEMOUNT MODEL 1151 AND 1152 TRANSMITTERS WITH "A" AND "D" OUTPUT AMPLIFIERS----WILL NOT BE UNED IN SAFETY-RELATED APPLICATIONS	TRANSMITTERS
CIRC 81-001	HONEYWELL INCORPORATED PUSHBUTTON SWITCHES	WILL NOT BE USED AT FERMI 2	SWITCH
CIR 81-006	FOXBORO 10-50 MA TRANSMITTERS	WILL NOT BE USED IN SAFETY-RELATED APPLICATIONS	TRANSMITTERS
DER 88-1616	GE CR120A RELAYS	RELAYS SHALL NOT BE USED IN QA-1 OR QA-10 APPLICATIONS UNTIL THEY ARE CLEANED PER DER 88-1616. (DER 92-0602)	GENERAL ELECTRIC RELAY
DER 89-0619	SATIN AMERICAN CORP.	PROCUREMENTS ARE NOT ALLOWED FROM THIS VENDOR (REF. DER 89-0619, DER 93-0599, IN 89-45, IN 93-73)	SATIN AMERICAN CORP. CIRCUIT BREAKERS
DER 91-0179	MOCK MANUFACTURING INC (MMI) ALL COMPONENTS MANUFACTURED BY MOCK MANUFACTURING INC.	ALL COMPONENTS MANUFACTURED BY MOCK MANUFACTURING INC. REPLACEMENT HARDWARE FOR WATERTIGHT DOORS. LIMITATION IS THAT NO ITEMS FROM MM. SHASLL BE USED AT FERMI 2. WATERTIGHT DOOR NOTE: ALSO AFFECTS MMI AFFILIATE.OVERBEKE-KAINE NOTE: ALSO AFFECTS MMI AFFILIATE OVERBEKE-1 MANUFACTURING INC. (DER 91-0179, RACTS 91096)	DOOR HARDWARE MOCK MANUFACTURING OVERBEKE-KAINE MF.
DER 92-0540	J & S MACHINE AND VALVE	PROCUREMENTS ARE NOT ALLOWED FROM THIS VENDOR (REF. DER 92-0540, DER 93-0599, IN 92-56, IN 93-73)	J & S MACHINE & VLV VALVE
DER 93-0060	WESTRONICS CHART RECORDER MODEL S4C,D4N, D4C,T4G,T4C AND T4N.	SOME WESTRONICS RECORDERS WERE SHIPPED WITH PLASTIC SPROCKET ON THE DRUM THAT IS SUSCEPTIBEL TO SPLITTING. REPLACMENT PARTS MADE OF MACHINED ALUMINUM ELIMINATE THIS POTENTIAL PROBLEM. INSPECT TO ENSURE THE RECORDER HAS ALUMINUM CHART DRIVE SPROCKETS (DER 93-0060)	WESTRONICS CHART RECORDER

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DER 93-0216	ABB K-4000 CIRCUIT BREAKERS	THE K-4000 CIRCUIT BREAKER HAS FAILED TO MEET ITS FAULT CURRENT INTERRUPTING RATING AT RATED VOLTAGE IN CERTAIN CONFIGURATIONS, AS REQUIRED BY ANSI C37.16. ALL APPLICATIONS OF K-4000 CIRCUIT BREAKERS NEEDS TO BE ANALYZED PER ABB'S 4/7/1993 RECORD OF EVALUATION. (DER 93-0216).	ABB K-4000 CIRCUIT BREAKERS
DER 93-0268	ROSEMOUNT TRANSMITTER MODEL 1152GP9	ROSEMOUNT IDENTIFIED THAT SOME 1152GP9 UNITS MAY HAVE BEEN ASSEMBLED WITH INCORRECT O-RINGS AND MAY FAIL TO RETAIN HIGH PRESSURE AND LEAK PROCESS FLUID. A FIX IS AVAILABLE THROUGH ROSEMOUNT. 1152GP9 UNITS MANUFACTURED PRIOR TO 1994 SHALL HAVE NEW O-RINGS INSTALLED PRIOR TO INSTALLATION. (DER 93-0268).	ROSEMOUNT TRANSMITTER
DER 93-0299	ATWOOD AND MORRILL MAIN STEAM ISOLATION VALVE (MSIV)	A SIMILAR DESIGN OF THE MSIV AT RIVER BEND NUCLEAR STATION FAILED TO CLOSE DUE TO "COCKING" OF THE MSIV POPPET IN THE OPEN POSITION IN THE VALVE BODY AT THE BOTTOM RIB MSIVS ARE TO BE INSPECTED FOR RIB GUIDE WARE PER 35.137.002 WHEN THEY ARE DISASSEMBLED. . (DER 93-0299)	ATWOOD & MORRILL MAIN STEAM ISO VLV MSIV
DER 93-0308	RELIANCE 3-PHASE LIMITORQUE CORP ACTUATOR MOTORS	THE SUBJECT MOTORS HAVE A DECREASING STARTING TORQUE AT TEMPERATURES ABOVE 40 DEGREES C. FERMI 2'S MOV PROGRAM MUST ADDRESS THIS FOR APPLICATION WHERE THE AMBIENT TEMPERATURE IS ABOVE 40 DEGREES C. (DER 93-0308)	LIMITORQUE RELIANCE MOTORS ACTUATOR
DER 93-0467	WILCO LEXAN HOSE MODEL HN-4-L NOZZLE	REPEATED FAILURES OF COMPONENT MANDATES THAT THIS COMPONENT BE BANNED FROM USE ON SITE (Fermi 1 & 2) (DER 0467)	HOSE NOZZLE LEXAN WILCO
DER 93-0496	GE AK-25 CIRCUIT BREAKER	GE AK-25 CIRCUIT BREAKERS WITH RMS-9 OVERCURRENT TRIP DEVICES MAY TRIP WHEN SUBJECTED TO A CURRENT SPIKE THAT IS OF SIGNIFICANTLY SHORTER DURATION THAN THAT REQUIRED TO NORMALLY CAUSE A TRIP AND COULD RESULT IN SPURIOUS TRIPPING AND DE-ENERGIZING OF EQUIPMENT. GE AK-25 CIRCUIT BREAKERS WITH RMS-9 OVERCURRENT TRIP DEVICES SHALL NOT BE USED AT FERMI 2.(DER 93-0496)	GENERAL ELECTRIC GE AK-25 RMS-9 CIRCUIT BREAKER 10CFR21 NOTE (8/23/93)
DER 93-0599	J & S MACHINE AND VALVE	PROCUREMENTS ARE NOT ALLOWED FROM THIS VENDOR (REF. DER 92-0540, DER 93-0599, IN 92-56, IN 93-73)	J & S MACHINE & VALVE VALVE
DER 93-0599	SATIN AMERICAN CORP.	PROCUREMENTS ARE NOT ALLOWED FROM THIS VENDOR (REF DER 89-0619, DER 93-0599, IN 89-45, IN 9373)	SATIN AMERICAN CORP. CIRCUIT BREAKERS
DER 93-0627	WESTRONICS RECORDER MODEL 2100C SERIES	UNDER SEISMIC TESTING AT THE FULL SSE (10G) LEVEL THE RECORDER PRODUCED TWO ANOMALIES: THE RECORDER WOULD OCCASIONALLY RESET DURING PEAK ACCELERATION AND THE DOOR WOULD BE FORCED OFF THE RECORDER FROM ITS LOWER ATTACHMENT POINT. ONLY OCCURS IN MODEL 2100C RECORDERS BUILT PRIOR TO 1993. WESTRONICS RECORDER MODEL 2100C SERIES SHOULD NOT BE USED IN APPLICATIONS WHEN THE EXPECTED SEISMIC ACCELERATION EXCEEDS 5.17G. (DER 93-0627)	WESTRONICS RECORDER
DER 93-0684	NAMCO EA740 & EA750 MAINTAINED	SHOULD BE USED WHEN TEMPERATURES ARE ABOVE 70	LIMIT SWITCH

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	SERIES LIMIT SWITCHES	DEGREES F.	NAMCO
DER 94-0065	AUGAT INTEGRATED CIRCUIT	AUGAT INTEGRATED CIRCUIT CONNECTORS WITH A "ES" SUFFIX WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL (NRC NOTICE 94-04)	AUGAT SOCKET CONNECTOR I.C. SOCKET
DER 94-0065	ABB KENT-TAYLOR PROCESS	ABB KENT-TAYLOR PROCESS CONTROLLER MODEL MOD 30 WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL (NRC NOTICE 94-04)	ABB KENT-TAYLOR CONTROLLER
DER 94-0133	XOMOX OR ATWOOD & MORRILL TUFLINE SLEEVED PLUT VALVES	TUFLINE SLEEVED PLUG VALVES MADE BETWEEN 1982 AND 1993 MAY HAVE BEEN SUPPLIED WITH LOWER DENSITY POLYETHYLENE DIAPHRAGM SEALS INSTEAD OF THE ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SEALS. THE VALVE SEALS MAY SHRINK AND LEAK. TUFLINE SLEEVED PLUG VALVES MADE BETWEEN 1982 AND 1993 SHALL NOT CONTAIN LOWER DENSITY POLYETHYLENE DIAPHRAGM SEALS (DER 94-0133)	XOMOX ATWOOD & MORRILL TUFLINE PLUG VALVE
DER 94-0134	ENERGY & PROCESS CORP. 1-1/4"-8 HEAVY HEX NUTS SA194 GRADE 7	THE 1 1/4" - 8 HEAVY HEX NUTS SA194 GRADE 7 HEAT:565289, STAMPED WITH HEAD CODE CGF MADE BY HAMANAKA (A&G), PREVIOUSLY KNOWN AS HUD, WERE POSSIBLY A DIFFERENT HEAT AND EXHIBITED CARBON CONTENT BELOW THE MINIMUM ALLOWED FOR SA194 GRADE 7. THESE NUTS SHOULD NOT BE USED AT FERMI 2. (DER 94-0134)	ENERGY & PROCESS CORP. HAMANAKA HEX NUTS
DER 94-0264	ROESEMOUNT MODEL 1153 SERIES F TRANSMITTERS	A 10CFR21 (DER 94-0264) WAS ISSUED BY ROSEMOUNT ON MODEL 1153 SERIES F DIFFERENTIAL AND HIGH DIFFERENTIAL PRESSURE TYPES WITH 10-50 MA OUTPUT. THESE TRANSMITTERS SHOULD NOT BE USED IN APPLICATIONS WHERE THE TRANSMITTER WILL NORMALLY BE SUBJECTED TO LOW SIDE OVERPRESSURE (DER 94-0264)	TRANSMITTER DIFFERENTIAL PRESSURE
DER 94-0309	GE TYPE AM MAGNE BLAST CIRCUIT BREAKERS	DURING TESTING AT TWO UTILITIES, GE MAGNE BLAST 4160 VAC CIRCUIT BREAKERS RANDOMLY FAILED TO LATCH BOTH ELECTRICALLY AND MANUALLY. SUSPECT UNITS ARE 1) ALL TYPE AM 4.16-350 MVA BREAKERS AND 2) THE TYPE AM 4.16-250 MVA BREAKERS THAT HAVE A 78 KILOAMPERE CLOSE-LATCH RATING CALLED A "HIGH MOMENTARY" RATING. THESE UNITS WILL REQUIRE THE INSTALLATION ADDITIONAL POP SPRINGS PRIOR TO USE AT FERMI 2. (DER 94-0309)	GE GENERAL ELECTRIC CIRCUIT BREAKER
DER 94-0333	GE CR 120 SERIES RELAYS	DO NOT ORDER GE CR120 SERIES RELAYS WITH 115 VAC COILS. ORDER THE CR120 SERIES RELAYS WITH 115-120 VAC COILS (AFTER DATE CODE VA135& AFTER 35 TH WEEK IN 2001) THAT ARE RATED AT 120VAC 60 HZ.	CARD 02-16838 DER 94-0333 SIL 229 SUPP 1 GE RELAYS GE CR120 SERIES RELAY
DER 94-0344	NQ MOORE PRODUCTS - MOORE MODEL #61H BOOSTER RELAYS	MOORE PRODUCTS MODEL #61H (STK# 480-5572) BOOSTER RELAYS MFG PRIOR TO MARCH 1994 MAY HAVE AN INTERNAL SEAT STAKING DEFECT FOR APPLICATIONS GREATER THAN 100 PSIG. EF2 HAS NO SUCH APPLICATIONS BUT THESE RELAYS SHOULD NOT BE INSTALLED "NEW" AT EF2. STOCK CODE 480-5572 HAS BEEN PURGED OF POTENTIALLY DEFECTIVE RELAYS WITH A DATE CODE SUFFIX OF "NF" WHERE "N" = 1993 AND "F" = JULY MODEL 61H BOOSTER RELAYS (STOCK CODE 480-5572 WITH A SUFFEX DATE CODE OF FOR 1994 AND "D" FOR APRIL OR LATER ARE ACCEPTABLE (DER 94-0334)	BOOSTER RELAY

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DER 94-0399	BODY TO BONNET NUTS ON COPE-S-VULCAN AIR OPERATED VALVES	CRACKS WERE FOUND IN BODY TO BONNET NUTS ON COPE-S-VULCAN AIR OPERATED VALVES THAT WERE SUPPLIED BY ERIE FASTENER & INDUSTRIAL SUPPLY, INC. IT WAS DETERMINED THAT THIS DEVIATION COULD CREATE A SUBSTANTIAL SAFETY HAZARD. DEFECTED NUTS WERE LIMITED TO HEAT NUMBER I. BODY TO BONNET NUTS ON COPE-S-VULCAN AIR OPERATED VALVES WITH HEAT NUMBER I SHOULD BE REPLACED. (DER 94-0399)	COPE-S-VULCAN AIR OPERATED VALVES HEX NUTS
DER 94-0401	WESTINGHOUSE/ASEA BROWN-+ /BOVERI, ABB POWER CV-2, CV-4, CV-6, CV-7, AND CV-8 RELAYS WITH TELEPHONE COILS	SEVERAL DIFFERENT TYPES OF CV RELAYS WERE FOUND TO HAVE BEEN SHIPPED WITH SMALLER CURRENT LIMITING RESISTORS ON THEIR TELEPHONE COILS THAN REQUIRED, CAUSING THE RELAYS TO CLOSE PREMATURELY. CV RELAYS WITH TELEPHONE COILS SHALL BE VERIFIED TO HAVE THE PROPER SIZE LIMITING RESISTORS PRIOR TO USE AT FERMI 2. (DER 94-0401)	ABB POWER CV RELAY
DER 94-0443	COLTEC INDUSTRIES DIESEL FUEL INJECTOR PUMPS	DURING ENDURANCE TESTING AT 3300KW, THE EROSION SLEEVES FAILED AFTER 1313 HOURS CAUSING THE INJECTION NOZZLE AND DELIVERY VALVE TO STICK OPEN, ALLOWING BACKFLOW OF COMBUSTION GASES TO ENTER THE FUEL SUPPLY HEADER CAUSING VAPOR LOCK AND STARVING SEVERAL CYLINDERS OF FUEL. NO ACTION IS REQUIRED. AWAITING THE FINAL COLTEC REPORT. (DER 94-0443)	COLTEC INDUSTRIES- EDG INJECTOR PUMPS
DER 94-0485	THREADED FASTNERS FABRICATED FROM A/SA 453 GR.660 OR ALLOY A286	LIMITATIONS ON THE USE OF THREADED FASTNERS FABRICATED FROM ASTM/SSME A/SA 543 GR. 660 (ALSO KNOW AS ALLOY A286) SHALL NOT BE USED IN APPLICATIONS WHERE PEAK TENSIL STRESS IN THE FASTNER EXCEEDS 100 KSI. (DER 94-0485, NRC IN 90-68)	FASTNERS BOLTS SCREWS NUTS A OF SA 453 GR 660 ALLOY A286
DER-94-0514	DRILLCO, MANUFACTURER AND SUPPLIER OF MAXI-BOLT PRODUCRS	DRILLCO, THE MANUFACTURER AND SUPPLIER OF MAXI-BOLT PRODUCRS, HAS BEEN DROPPED FROM THE N-SAL. No ITEMS ARE TO BE PROURED FROM THIS SUPPLIER FOR SAFETY RELATED APPLICATIONS, PER DER 94-0514, CURRENTLY INSTALLED ITEMS AT FERMI 2 AND CURRENT STOCK ITEMS WERE EVALUATED AND ACCEPTED.	ANCHOR BOLT, MAXI-BOLT COUPLER, MAXI-BOLT DRILLCO.
DER 94-0564	AGASTAT E7000 SERIES TIMERS	E7000 SERIES RELAY CONTACTS SHALL NOT BE USED AT FERMI 2 IN APPLICATIONS WHERE CIRCUIT LOAD CAN EXCEED THE FOLLOWING SINGLE OR DOUBLE CONTACT RATING WITHOUT PRIOR ENGINEERING APPROVAL. LOAD / CONTACT ARRANGEMENT. RATING (AMP). BRAKE, MAKE, CONTINUOUS. RESISTIVE/DOUBLE CONTACT / 1.0, 1.0, 10.0 INDUCTIVE /SINGLE CONTACT / 0.1, 0.1, 2.0 INDUCTIVE / DOUBLE CONTACT / 0.2, 0.2, 2.0 DER 94-0564, AMERACE INFORMATION NOTICE DATED 9/27/94	AGASTAT TIMERS E7000 SERIES REI:
DER 94-0620	RADIX WIRE COMPANY TEMPERGARD FZ-101 HIGH TEMPERATURE MULTI CONDUCTOR CABLES	RADIX HIGH TEMP CABLES TYPE TEMPERGARD FZ-101 HAVE FAILED IN MOISTURE AND STEAM TEST CONDUCTED BY TECHNICAL AND ENGINEERING SERVICES PER THEIR REPORTS 94J71-6 AND 94J71-7. THESE CABLES ARE RESTRICTED AND SHALL NOT BE USED AT FERMI 2.	RADIX WIRE COMPANY CABLE

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DER 94-0729	RAYCHEM WCSF-070N HEAVY WALL, FLAME RETARDED NUCLEAR CABLE SLEEVES	SAMPLES OF LOT # N15057 WERE RETURNED TO MANUFACTURER FOR TESTING WHICH REVEALED THAT THE MATERIAL DOES NOT FULLY RECOVER TO THE SPECIFIED MAXIMUM I.D. WCSF-070N MANUFACTURED IN 1992 (LOT NO. N15057) SHALL NOT BE USED AT FERMI 2. (DER 94-0729)	RAYCHEM CABLE SLEEVES
DER 95-0077	CRAMOLIN	USED OR CRAMOLIN SHALL NOT BE RE-ORDERED OR USED AT FERMI 2 SITE.	CLEANER CRAMOLIN
DER 95-0126	CADMIUM PLATED BOLTS, SCREWS AND NUTS	CADMIUM PLATED BOLTS, SCREWS AND NUTS SHALL NOT BE USED IN APPLICATIONS WHERE TEMPERATURE EXCEEDS 340 DEGREES F.	CADMIUM PLATING FASTNERS
DER 95-0166	COLTEC INDUSTRIES LUBE-OIL-PUMP/ GOVERNOR-DRIVE BRACKET FOR DIESEL GENERATORS	EXCESSIVE WEAR WAS NOTED ON THE FLEX-DRIVE GEAR AND ITS MATING GEAR. THE EXCESSIVE WEAR WAS DUE TO MISALIGNMENT OF THE DRIVEN, LUBE-OIL-PUMP GEAR RESULTING FROM AN OUT OF SQUARE LUBE-OIL-PUMP, GOVERNOR-DRIVE BRACKET. FERMI 2 WILL INSPECT FOR ABNORMAL WEAR MARKS. SEE 34.307.001. (DER 95-0166)	COLTEC INDUSTRIES EDG DIESEL GENERATOR
DER 95-0404	GENERAL ELECTRIC HEA RELAY AND SB SWITCHES	THE GENERAL ELECTRIC HEA RELAY IS USED AS A GENERATOR LOCKOUT RELAY IN THE REACTOR RECIRCULATION SYSTEM PROTECTION AND AUX RELAY CUBICLE. HEA RELAY (AND SB SWITCH) PROBLEMS HAVE BEEN TRACED TO THE METHOD OF MOUNTING AND WIRING THESE DEVICES. GE ISSUED A SERVICE ADVISE LETTER (SAL 203.1) TO RECOMMEND MOUNTING AND WIRING PRACTICES TO CORRECT THE PROBLEMS FOUND. THE HEA RELAY IS LIMITED FOR USE IN ACCORDANCE WITH THE RECOMMENDED MOUNTING AND WIRING PRACTICES. (DER 95-0404)	SB SWITCHES HEA RELAY GE RELAY
DER 95-0412	BRATON B FILL INDICATORS MODEL 200 AND 227A AND BARTON DIFFERENTIAL PRESSURE SWITCHES MODELS 288A AND 289A	BARTON B FILL - INDICATORS MODEL 200 AND 227A AND BARTON DIFFERENTIAL PRESSURE SWITCHES MODELS 288A AND 289A THAT USE AQUEOUS SOLUTION OF ETHYLEN GLYCOL AS THE BELLOW FILL LIQUID WILL NOT BE USED IN HARSH ENVIRONMENT AREA. DER 95-0412	DIFFERENTIAL PRESSURE SWITCHES INDICATORS ETHYLENE GLYCOL BARTON
DER 95-0851	ENERTECH FASTENERS	A VENDOR SUPPLIED ENERTECH WITH SCREWS THAT WERE INADEQUATELY HEAT-TREATED. THE SCREWS WERE HEAT-TREATED AT B&G-CARDINAL INDUSTRIES (NOW ACCUTECH). FASTENERS HEAT TREATED AT B&G-CARDINAL / ACCUTECH BETWEEN 1992 AND 1995 SHALL NOT BE USED AT FERMI 2 WITHOUT ANALYSIS JUSTIFYING THE APPLICATION. (DER 95-0851)	ENERTECH HEAD CAP SCREWS ACCUTECH
DER 95-0853	ABB ITE 5HK BREAKERS / SWITCHGEAR STATIONARY SECONDARY DISCONNECT CONDUCTOR STRIPS	CRACKS WERE DISCOVERED IN THE CONDUCTOR STRIPS OF SEVERAL BREAKERS, THE STRIPS OF WHICH WERE COMPOSED OF THE BRASS ALLOY C260. THIS PROMPTED A CHANGE TO A NEW ALLOY, C230. THE C260 WAS USED IN THE PRODUCTION OF THE STATIONARY SECONDARY DISCONNECT CONDUCTOR STRIPS	ABB HK BREAKER SWITCHGEAR

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		FOR ITE 5HK, 7.5HK AND 15HK CIRCUIT BREAK CONTROLS BEFORE 1982. FERMI 2 WILL CONDUCT LONG TERM MONITORING BY INSPECTING SWGR SECONDARY DISCONNECTS. SEE 35.318.014. (DER 95-0853)	
DER 96-0224	ABB RELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G) HAVING THE R SERIAL NUMBER LESS THAT 80, 000	ABB RELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G) HAVING THE SERIAL NUMBER LESS THAN 80,000 WILL NOT BE USED ON ALL 480VAC SWITCH GEAR AT FERMI 2, WITHOUT PRIOR INSPECTION OF SOLDER CONNECTIONS ON ANY OF THE PRINTED CIRCUIT BOARDS. INSTRUCTIONS FOR INSPECTION OF ACCEPTABLE AND NON-ACCEPTABLE FOR REMOVING SOLDER AND RESOLDING OF DEFECTIVE SOLDER CONNECTIONS ARE PROVIDED IN ABB RELAYS POWER SHIELD UNIT 10CFR21 DATED 11/20/95 ATTACHMENT "A" (DER 96-0224, OTH 96-034, OER 96-050)	ABB POWER SHIELD TRIP DEVICE RELAYS ITE GOULD BBC
DER 96-0570	FOXBORO MODEL N-2AX+M_N SERIES AUTOMATIC-MANUAL OUTPUT STATION	MODE SWITCHING FROM AUTOMATIC TO MANUAL OR MANUAL TO AUTOMATIC IS SOMETIMES UNRELIABLE BECAUSE OF FAULTY SWITCHES, PART NUMBER N0280RM. FAILURE IS ATTRIBUTED TO DIRTY CONTACTS. GOLD PLATING OF THE AFFECTED INTERNAL SWITCH IS EXPECTED TO IMPROVE PERFORMANCE. FOXBORO MODEL N-2AX+M_N SERIES AUTOMATIC-MANUAL OUTPUT STATION SHALL NOT BE USED AT FERMI 2. (DER 96-0570)	FOXBORO AUTO-MANUAL OUTPUT STATION
DER 96-1101	AGASTAT E7012PC RELAY	AGASTAT E7012PC TYPE RELAYS HAVE BEEN FOUND TO EXHIBIT CONTACT BOUNCE ON NORMALLY CLOSED 3-5 CONTACT WHEN THE RELAY COIL IS ENERGIZED DURATION OF BOUNCE IS LESS THAN 1 MILLISECOND WHICH MAY BE UNSUITABLE FOR SENSITIVE ELECTRONIC CIRCUIT APPLICATIONS. THIS CONTACT BOUNCE SHOULD BE EVALUATED FOR POTENTIAL IMPACT ON A CIRCUIT BEFORE SELECTING THE RELAY FOR AN ELECTRONIC APPLICATION. (DER 96-1101)	AGASTAT RELAY
DER 96-1222	ROSEMOUNT NUCLEAR INSTRUMENTS MODEL 353C AND 353CI CONDUIT SEALS	A COUPLE UNITS CONTAINED AN OUTPUT SHORT CONDITION. RECOMMENDED THAT ALL 353C AND 353CI CONDUIT SEALS COMPLETE A FUNCTIONAL TEST PRIOR TO INSTALLATION. (DER 96-1222)	ROSEMOUNT 353C 353CI CONDUIT SEAL
DER 96-1286	PACIFIC SCIENTIFIC PSA-35 SNUBBERS	SOME PSA-35 SNUBBERS WERE SUPPLIED WITH DEFECTIVE THRUST BEARING ASSEMBLIES (PART NUMBER 1801461-01). IF THE ASSEMBLY FAILED, THE SNUBBER COULD BE RENDERED INOPERABLE. PACIFIC SCIENTIFIC PSA-35 SNUBBER MANUFACTURED IN 1995 AND 1996 SHOULD BE CHECKED FOR DEFECTIVE THRUST BEARINGS. (DER 96-1286)	PACIFIC SCIENTIFIC PSA-35 SNUBBER
DER 96-1340	MERCROID/DWYER PRESSURE, LEVEL, OR TEMPERATURE CONTROLS.	THE VERMONT YANKEE NUCLEAR PLANT IDENTIFIED UNDOCUMENTED FACTORY INSTALLED JUMPERS. IF THE APPLICATION REQUIRES 2 OR MORE DISCRETE (SEPARATE) SWITCHES (I.E. NOT FORM-C), VERIFY DURING RECEIPT INSPECTION OR PRIOR TO INSTALLATION THAT THE FACTORY HAS NOT INSTALLED JUMPERS BETWEEN THE DISCRETE SWITCHES.	MERCROID MERCROID/DWYER TEMPERATURE SWITCH PRESSURE SWITCH LEVEL SWITCH

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		(DER 96-1340)	
DER 96-1428	AVCO MSIV PNEUMATIC MANIFOLDS SPARE PARTS KITS	SOME REPAIR KITS FOR THE SOLENOID OPERATED VALVES WERE SHIPPED WITH PLUNGERS THAT WERE MACHINED TO THE INCORRECT LENGTH. THIS CAN RESULT IN EXCEEDING TECH SPEC FOR CLOSURE TIME. AVCO MSIV PNEUMATIC MANIFOLDS SPARE PARTS KITS MANUFACTURED PRIOR TO 1997 SHOULD BE CHECKED FOR PROPER SIZE PLUNGERS. (DER 96-1428)	AVCO MSIV SOLENOID OPERATED VLV
DER 96-1856	GE HGA RELAYS MANUFACTURED BETWEEN JANUARY 1989 TO JUNE 1991.	ADDS CAUTION FOR USE OF GE HGA RELAYS MANUFACTURED DURING 1/89 TO 6/91 DUE TO A POTENTIAL PROBLEM WITH BINDING OF THE ARMATURE ARM IN THE RELAY. RELAYS MANUFACTURED DURING THIS PERIOD REQUIRE AN INSPECTION EITHER DURING RECEIPT INSPECTION OR PRIOR TO USE. PER GE PART 21 DATED NOVEMBER 5, 1996 AND GE DAL 516.1 TRACKED BY DER 96-1856	GE HGA RELAYS RELAYS
DER 97-0569	ASTM & ASME PIPE FLANGES	ASTM & ASME PIPE FLANGES, TAIWAN FITTINGS AND FLANGES WILL NOT BE USED AT FERMI.	NOTE 92-68 FLANGES TRU-FLOW TUNG TENG TAIWAN
DER 97-1143	ABB LOW VOLTAGE AC CIRCUIT BREAKERS (K-LINE, K-600S) WITH SOLID STATE TRIPPING DEVICE	FACTORY MADE CROSSED WIRES FROM THE PHASE C CURRENT TRANSFORMER (I.E. BLUE WIRE OF TERMINAL #2 WAS FASTENED TO TERMINAL #1 AND YELLOW WIRE OF TERMINAL #1 WAS FASTENED TO TERMINAL #2) MAY CAUSE A FALSE TRIP AT 50% OF THE TRIP VALUE. THIS NOTICE IS FOR ALL K-LINE, K-600S LOW VOLTAGE CIRCUIT BREAKERS WITH ANY TYPE OF SOLID STATE TRIPPING DEVICE. VISUAL INSPECTION IS REQUIRED ON PRE-1998 K-LINE SWITCHGEAR TO MAKE CERTAIN CIRCUIT TRANSFORMERS ARE CONNECTED PROPERLY. (DER 97-1143)	ABB K-LINE K-600S CIRCUIT BREAKER
DER 97-1372	POTTER & BRUMFIELD SERIES MDR ROTARY RELAYS	POTTER & BRUMFIELD SERIES MDR RELAYS - SHALL NOT BE USED AT FERMI 2. THESE RELAYS HAVE A ROTART CONF. CONSISTING OF MULTIPLE BANKX OF CONTACTS. RELAYS OF THIS TYPE WHICH WERE MANUFACTURED IN THE 1993, 1994 TIME PERIOD EMPY A GREASE WHICH MAY DRY OUT IF THE RELAYS ARE NORMALLY ENERGIZED THUS CAUSING THE CONTACT BANKS TO SHIFT SLOWLY OR NOT AT ALL, THESE RELAYS HAVE PREVIOUSLY FAILED TO CHANGE STATE DUE TO OVERHEATED COILS.	RELAY ROTARY POTTER & BRUMFIELD DER 97-1372
DM 95-080	ROSEMOUNT NUCLEAR QUALIFIED TRANSMITTERS WITH MONEL ALLOY 400 ISOLATING DIAPHRAGM DISPOSITION MEMORANDUM DM 95-080	SOME ROSEMOUNT TRANSMITTRS WITH MONEL ALLOY 400 ISOLATING DIAPHRAGMS SHOULD NOT BE USED IN APPLICATIONS WHERE HYDROGEN MAY BE PRESENT. THE PRESENCE OF HYDROGEN CAN AFFECT TRANSMITTER PERFORMANCE (DISPOSITION MEMORANDUM DM-9080 OTH 95-16)	TRANSMITTER PRESSURE
EF2-64111	ITE POWER SHIELD TRIP DEVICE	WILL NOT BE RE-ORDERED FOR USE AT FERMI 2 (See also	TRIP DEVICE

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	M ODEL SS5G	PDC-1705)	
FAN 87-2	FISHER CONTROL VALVES: SIZE 6", CLASS 600, TYPE EP, SIZE 8" X 6", CLASS 600 AND CLASS 900, TYPE EWP SIZE 6," CLASS 900 TYPE SS-120 PILOT-PLUG SPRING. (PN 13A4887X012 OR PN 13A4887X022)	VALVES SHIPPED AFTER AUGUST 1, 1976 AND PRIOR TO NOV. 6, 1987, FISHER AND PILOT-PLUG SPRINGS ORDERED DURING THE SAME PERIOD, HAVE A POTENTIAL DESIGN/ MANUFACTURING ANOMALY AND WILL NOT BE USED AT FERMI 2 (REF: DER 87-496)	VALVE
FAN 88-1	FISHER CONTROL VALVES: ALL FISHER TYPE AP, EP TYPE EWP, AND TYPE SS-120 CONTROL VALVES	WILL NOT BE USED AT FERMI 2 (SEE DER 88-1653)	FISHER VALVES
FIN 97-01	FISHER CONTROL VALVES NITRILE/NYLON DIAPHRAGMS	FISHER CONTROL VALVES, NITRILE/NYLON DIAPHRAGMS (FISHER PART NUMBERS 1R6375X0022 AND 2R6376X00320) USED WITH THE SS-137 ACTUATOR AND SIZE 657.667, 657NS AND 667NS PNEUMATIC ACTUATORS ---- WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL.	CARD 97-11224 DIAPHRAGM, SIZE 80 ACTUATOR
ITEM 126	BEAU PRODUCTS - 76000 SERIES TERMINAL BLOCKS	WILL NOT BE USED AT FERMI 2 (REF: EF2-69670)	TERMINAL
ITEM 24	WESTINGHOUSE TYPE FDP SWITCHES CATALOGM # FDPF-C2211	NOT TO BE USED WITHOUT PLANT ENGINEERING APPROVAL (REF: EF2 4915)	SWITCH
ITEM 54	AGASTAT E7000 SERIES TIMING RELAYS	RELAYS MANUFACTURED ETWEEN JUNE 1981 AND JANUARY 1982 WILL NOT BE USED WITHOUT PLANT ENGINEERING APPROVAL (REF: EF2-62622)	RELAYS
ITEM 55	POWER STRUT SUPPORT MATERIAL	POWER STRUT CHANNELS WILL NOT BE USED ON ANY FUTURE WORK AT FERMI 2 (REF: EF2-69669)	STRUTS
ITEM 62	STAINLESS STEEL PIPING 312TP316H	WILL NOT BE USED WITHOUT PLANT ENGINEERING APPROVAL (REF: EF2-59400)	PIPING
ITEM 75	ROSEMOUNT 510 DU TRIP UNITS	UNITS WITH SILVER-COATED CONTACTS WILL NOT BE USED IN SAFETY-RELATED APPLICATIONS (REF: EF2-69664)	TRIP UNITS
ITEM 77	CAPITOL MANUFACTURING COMPANY 1 INCH, 3000# CARBON STEEL CAPS	CAPS MADE FROM HEAT NUMBER 0680 WILL NOT BE USED AT FERMI 2 (REF:EF2-69667)	VENDOR
LER 92-002	FLUKE MODEL 77 SERIES II DIGITAL MULTIMETERS	WILL NOT BE USED AT FERMI2 (REF: LER 92-002)	FLUKE DMM MULTIMETER
MSC 047	GENERAL ELECTRIC AKR OR POWER BREAK CIRCUIT BREAKERS WITH MICROVER-SATRIP PROGRAMMERS	BREAKERS MANUFACTURED AFTER JULY 1981 WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL OF PLANT ENGINEERING (REF: EF2-66318 REV. A)	CIRCUIT BREAKERS
NOTE 83-63	WESTINGHOUSE MODEL SA-1 DIFFERENTIAL RELAYS	WILL NOT BE USED AT FERMI 2 (See also SER 18-84)	RELAYS
NOTE 84-20	AGASTATE RELAYS	THE QUALIFIED SERVICE LIFE FOR AGASTAT GP SERIES RELAYS IN THE	AGASTAT

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NOTE 84-34	COMPOSITE TYPE AIR CYLINDERS (INCLUDING HOOP-WRAPPED ALUMINUM 4500 PSI MANUFACTURED BY LUXFER USA STD)	SAFETY RELATED APPLICATION (NORMALLY ENERGIZED) IS 4.5 YEARS WILL NOT BE USED AT FERMI 2	RELAYS AIR
NOTE 84-56	ROBERTSWHAW CONTROL'S COMPANY MOSEL RAM-5 RESPIRATORS	WILL NOT BE USED AT FERMI 2	AIR
NOTE 84-84	WESTINGHOUSE INVERTERS	DEFICIENCIES IN GE FERRO-RESONANT TRANSFORMERS USED IN WESTINGHOUSE 7.5 INVERTERS. THE CONDITIONS WERE IDENTIFIED IN 1984, THE FIRST DEFICIENCY WAS A CHANGE IN THE CAPACITOR CONNECTION FROM "RING-TOUGUE" TO "FAST-ON" WHICH WERE NOT SEISMICALLY QUALIFIED. THE SECOND DEFICIENCY INVOLVED FERRO-RESONANT TRANSFORMERS THAT WERE INADEQUATELY SECURED IN THE INVERTER THUS, ALLOWING VIBRATIONS TO OCCUR CAUSING A BREAKDOWN IN THE INSULATION AT THE COMANCHE PEAK NUCLEAR PLANT. WESTINGHOUSE INVERTERS WILL NOT BE USED AT FERMI 2 WITHOUT ENGINEERING APPROVAL.	WESTINGHOUSE INVERTERS
NOTE 87-16	STATIC O-RING PRESSURE SWITCH MODELS BEGINNING WITH 1,4,5,6,8,9, 12, AND 54; AND HAVING KAPTON DIAPHRAGMS	KAPTON DIAPHRAGMS ARE NOT TO BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL OF PLANT ENGINEERING (REF. DER-87-334)	STATIC O-RING SWITCH
NOTE 87-61	WESTINGHOUSE TYPE W-2 CONTROL SWITCH	WILL NOT BE USED AT FERMI 2 (REF. DER 88-1152)	CONTROL SWITCH WESTINGHOUSE
NOTE 87-66	AGASTATE 7000 TIME DELAY RELAYS	WILL NOT BE USED AS REPLACEMENTS FOR SAFETY RELATED APPLICATIONS PER NRC INFORMATION NOTICES	AGASTAT RELAYS
NOTE 88-13	KEROTEST Y PATTERN PACKLESS METAL DIAPHRAM GLOBE VALVES	WILL NOT BE SUBJECTED TO FLOW THROTTLING OR REVERSE FLOW (REF. DER 88-0995)	KEROTEST VALVE
NOTE 88-14	GENERAL ELECTRIC TYPE HFA RELAYS	WILL NOT BE USED AT FERMI 2 WITH PRIOR APPROVAL OF PLANT ENGINEERING (DER 88-0947)	GENERAL ELECTRIC RELAYS
NOTE 88-54	GENERAL ELECTRIC TYPE PVD21B, PVD21D, AND HGA RELAYS (MODELS HGA11 AND HGA111) WESTINGHOUSE AMPTECTOR DIRECT TRIP ATTACHMENT (DTA) FOR CIRCUIT BREAKERS	FAILURES OF GE AND WESTINGHOUSE CIRCUIT BREAKERS DUE TO IMPROPER INSTALLATION OF TE AMPTECTOR DIRECT TRIP ATTACHMENT (DTA). THE FAILURES WERE DUE TO INADEQUATE CLEARANCES DURING INSTALLATION. THE DTA MODIFICATION CAN BE INSTALLED IN WESTINGHOUSE MODEL DBD OR GE MODEL AK 2A SERIES CIRCUIT BREAKERS.----- THE WESTINGHOUSE DTA WILL NOT BE USED AT FERMI 2 WITHOUT ENGINEERING APPROVAL AND MUST HAVE A THROUGH MAINTENANCE REVIEW AND ADEQUATE PMT PROCEDURES.	CIRCUIT BREAKERS WESTINGHOUSE DB & GE AK2A
NOTE 88-69	GENERAL ELECTRIC TYPE HFA RELAYS	WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL OF PLANT ENGINEERING. RELAYS MANUFACTURED PRIOR TO SEPTEMBER 1988 MUST BE APPROVED BY PLANT ENGINEERING (DER 88-1621)	GENERAL ELECTRIC RELAYS
NOTE 88-88	WESTINGHOUSE TYPE AR/ARD RELAYS	WILL NOT BE USED AT FERMI 2 (SEE DER 88-2040)	AR/ARD RELAYS RELAYS

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			WESTINGHOUSE
NOTE 89-23	LITTON-VEAM CIR SERIES MULTI-PIN ELECTRICAL CONNECTORS	WILL NOT BE USED IN SAFETY RELATED APPLICATIONS AT FERM 2, CONNECTOR INSULATION RESISTANCE (IR) READINGS DEGRADE UNDER LOCA (MOISTURE) CONDITIONS. (REFERENCE DER 89-0400)	LITTON-VEAM CONNECTORS
NOTE 89-45	SATIN AMERICAN CORP	PROCUREMENTS ARE NOT ALLOWED FROM THIS VENDOR (REF DER 89-0619, DER 93-0559, IN 93-73)	SATIN AMERICAN CORP CIRCUIT BREAKERS
NOTE 91-21	MOCK MANUFACTURING INC (MMI)	ALL COMPONENTS MANUFACTURED BY MOCK MANUFACTURING INC (MMI) REPLACEMENT HARDWARE FOR WATERTIGHT DOORS. LIMITATION IS NO ITEMS FROM MMI SHALL BE USED AT FERM 2. NOTE: ALSO AFFECTS MMI AFFILIATE OVERBEKE-KAINE MANUFACTURING, INC. (O-K)	DOOR HARDWARE WATERTIGHT DOOR OVERBEKE-KAINE MF
NOTE 91-45	WESTINGHOUSE ARD, BFD NAD Nbfd DC RELAYS; WESTINGHOUSE A200DC AND DPC 250 CONTACTORS	WILL NOT BE USED AT FERM 2 WITHOUT PRIOR APPROVAL OF PLANT ENGINEERING. RELAYS AND CONTACTORS MANUFACTURED AFTER MAY 1975 MAY HAVE DEFECTIVE DC COILS. (DER 91-0613)	CONTACTORS RELAYS WESTINGHOUSE
NOTE 91-87	RAYCHEM CRYOFIT COUPLINGS	WILL NOT BE USED AT FERM 2 (DER 92-0041)	RAYCHEM COUPLINGS
NOTE 92-24	AGASTAT MODEL 7000 TIME DELAY RELAYS	WILL NOT BE USED AT FERM 2 AND REPLACEMENTS FOR SAFETY RELATED APPLICATIONS PER NRC INFORMATION NOTECES (DER 92-0185) (NOTE 92-24 AND NOTE 87-66)	AGASTAT RELAYS
NOTE 92-31	JOHNSON YOKOGAWA YS-80 PROGRAMMABLE INDICATION CONTROLLERS MODELS SLPC, SLMC, SCMS & SPLR	WILL NOT BE USED AT FERM 2 WITHOUT PLANT ENGINEERING APPROVAL (DER 92-0257)	JOHNSON YOKOGAWA YOKOGAWA CONTROLLER
NOTE 92-56	VALVES SUPPLIED BY COFFEYVILLE VALVE, INC CVI	WILL NOT BE USED AT FERM 2 (DER 92-0540).	COFFEYVILLE VALVE INC VALVE-CVI VALVE
NOTE 92-56	J & S MACHINE AND VALVE	PROCUREMENTS ARE NOT ALLOWED FROM THIS VENDOR (FEP. DER 92-0540, DER 93-0599, IN 92-56, IN 93-73)	J & S MACHINE & VALVE VALVE
NOTE 92-68	BILLIONGOLD CO. LIMITED OF HONG KONG, TAIN GONG CO. SHANXI PROVINCE OVERSEAS TRADING CORP. ASTM & ASME PIPE FLANGES	WILL NOT BE USED AT FERM 2. (DER 92- 0526)	BILLIONGOLD CO. TAIN GONG CO. SHANXI PROVINCE OVERSEAS TRADING FLANGES
NOTE 93-22	KLOCKNER-MOELLER MOLDED CASE CIRCUIT BREAKERS	KLOCKNER-MOELLER (K-M) MODEL NZM6, NZM6B, AND NZMH6 MOLDED CASE CIRCUIT BREAKERS (MCCB) RATED FOR 100 AMPERES OR LESS WILL NOT BE USED AT FERM 2. THE SUPPORT LEVERS FOR THE ABOVE K-M MCCBS WERE FOUND TO FAIL PREMATURELY. (DER 93-0266)	BREAKERS CIRCUIT BREAKERS KLOCKNER-MOELLER MOLDED CASE-CIRCUIT BREAKERS
NOTE 93-23	WESCHLER MODEL 252 METERS	WESCHLER MODEL 252 METERS WILL NOT BE USED AT FERM 2 WITHOUT PLANT ENGINEERING APPROVAL. THE COMMERCIAL GRADE MODEL 252 METERS HAVE ENCOUNTERED PROBLEMS WITH STICKING METER MOVEMENTS RESULTING IN INACCURATE AND/OR ERRATIC READINGS. (DER 93-0274)	METERS SWITCHBOARD METERS WESCHLER

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NOTE 93-26	GE MOLDED CASE CIRCUIT BREAKER	GE MOLDED CASE CIRCUIT BREAKER P/N T JK436Y400 MANUFACTURED BEFORE 1985 SHALL NOT BE USED AT FERMI 2 (DER 93-0298)	BREAKERS CIRCUIT BREAKERS GENERAL ELECTRIC
NOTE 93-68	BYRON-JACKSON PUMP COUPLINGS S WITH SPECIFIC HEAT NUMBERS WHICH HAVE FAILED IN SERVICE. (DER 93-0584).	DO NOT USE ANY OF THE BRYON-JACKSON COUPLINGS BERING THESE MARKINGS/ DESCRIPTION: 410 TYPE STAINLESS STEEL, TREADED COUPLING HEST NO 821336, KEYED SLEEVE COUPLING HEAT NO 72337	PUMP COUPLINGS 410 SS BYRON-JACKSON CRACKING TEMPER-EMBRITTLLED
NOTE 93-73	J & S MACHINE AND VALVE	PROCUREMENTS ARE NOT ALLOWED FROM THIS VENDOR (REF. DER 92-0540, DER 93-0599, IN 93-73)	J & S MACHINE & VALVE VALVE
NOTE 93-73	SATIN AMERICAN CORP.	PROCUREMENTS ARE NOT ALLOWED FROM THIS VENDOR (REF. DER 89-0619, DER 93-0599, IN 89-45, IN 93-73)	SATIN AMERICAN CORP. CIRCUIT BREAKERS
NOTE 94-04	AUGAT INTEGRATED CIRCUIT	AUGAT ITEGRATED CIRCUIT SOCKET CONNECTORS WITH A "ES" SUFFEX WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL (DER 94-0065)	AUGAT
NOTE 94-04	ABB KENT-TAYLOR PROCESS CONTROLLER MODEL MOD 30	ABB KENT-TAYLOR PROCESS CONTROLLER MODEL TAYLOR MOD 30 WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPOVAL. (DER 94-0065)	ABB KENT-TAYLOR
NOTE 97-72	OMEGAS SERIES SPRINKLER HEADS	OMEGAS SERIES SPEINKLER HEADS MANUFACTURED BETWEE 1893 AND JUNE 1996 FOR MODELS C-1, C-1A, R-1A, R-1M, EC-20, EC20A, MODEL M UPRIGHT, MODLE M PENDENT, MODEL M SIDEWALL, HEC-12, HEC-20, PROHIBITOR C-1A, PROHIBITOR EC-20A, PROHIBITOR HEC-12, FLOW CONTROL PRNDENT FLUSH, AND FLOW CONTROL PENDENT SPRINKLER HEADS---WILL NOT BE USED AT FERMI.	CARD 97-10519 SPRINKLER HEAD OMEGA
NRC IN 90-68	THREADED FASTNERS FABRICATED FROM A/SA 453 GR. 660 OR ALLOY A286	LIMITATIONS ON THE USE OF THREADED FASTNERS FABRICATED FROM A453 GR. 660 OR ALLOY A286: BOLTS, SCREWS AND NUTS FABRACATED FROM ASTM/ASME A/SA 453 CR. 660 (ALSO KNOWN AS ALLOY A286 SHALL NOT USED IN APPLICATIONS WHERE PEAK TENSILS STRESS IN THE FASTNER EXCEEDS 100 KSI. (DER 94-0485)	FASTENERS BOLTS SCREWS NUT A OR SA 453 GR. 660 ALLOY A286
OE 11174	DRESSER RAND REVERSE CHAMBER	DRESSER RAND WHO ACQUIRED TERRY TURBINE N 1987, CHANGED THE SPECIFICATIONS OF THE REVERSING CHAMBERS USED ON THE HPCI AND RCIC TURBINES. THIS CHANGE WAS MADE IN OR AFTER 1993. IT INCLUDED MACHINING OF THE BOLTED SURFACES. SOME REVERSING CHAMBERS WERE FURNISHED TO UTILITIES AS UNFINISHED CASTNG PRIOR TO 1993. THIS UNFINISHED CASTING H HAD A ROUGH FINISH, NOT A FINAL MACHINED FINISH ON THE BOLTED SURFACE LIMIERICK 1, ON 4/12/2000 EXPERIENCED RUBBING WHEN A REPLACEMENT REVERSING CHAMBER WITH A ROUGH FINISH WAS INSTALLED ON THEIR HPCI TURBINE (CARD 00-10231)	TERRY TURBINE DRESSER RAND REVERSING CHAMBER
OE 12684	GENERAL ELECTRIC IRM INVERTER MODULE PART NUMBER 368X188AG006.	GENERAL ELECTRIC IRM INVERTER MODULE PART NUMBER 368X188AAG006 WILL NOT BE USED AT FERMI 2. SEE CARD 01-18849. SPRS STOCK CODE 489-1166 DESCRIPTION FOR INVERTER MODULE 368X188AAF004 HAS BEEN UPDATED FOR THE SAME	IRM SURGE SUPPRESSION INVERTER MODULE
OE 17997	THERMO ELECTRON WESTRONICS PRINTED	THE THERMO WESTRONICS SERIES 3000 RECORDER PRINTED TRANSITION	PRINTED CIRCUIT BOARD 38

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	CIRCUIT ASSEMBLY (PCA) CB100295 REVISIONS A & B	CIRCUIT BOARD CB100295C01, REVISIONS A & B AND CB100295-01 REVISIONS A AND B HAVE EXPERIENCED FAILURES RESULTING IN RECORDER FIRE IN THE SIMULATOR AS DOCUMENTED IN CARD 04-20303 AND ARE NOT TO BE USED AT F2. THE CB100295 CIRCUIT BOARDS BECAME OBSOLETE IN 1996 AND WERE REPLACED WITH THE CURRENT CIRCUIT BOARD CB100460. NOTE: USE OF THE CB100295 BOARD IS LIMITED TO REVISION LEVEL C OR HIGHER.	ELECTRONICS RECORDER WESTRONICS THERMO ELECTRON THERMO WESTRONICS
OE 2963	HAMMEL-DAHL CONOFLOW	WILL NOT BE USED AT FERMI 2 (SEE DER 99-1901) VALVES WITH TWO PIECE SHAFT BEARING INSERTS	HAMMEL-DAHL VALVES
OE 3138	GENERAL ELECTRIC INSTRUMENT METERS; AMMETER, VAR-METER WATTMETER, AND VOLTMETER THAT HAVE PART NUMBERS WHICH STRAT WITH FIFTY.	WHEN THESE INSTRUMENT METERS ARE PURCHASED AS A REPLACEMENT OF ITEMS FROM RAM METER, INC. DISTRIBUTOR OF YOKOGAWA METERS), THE SHALL BE PROPERLY DEDICATED BEFOR USE IN SAFETY RELATED APPLICATIONS (DER 89-0119).	AMMETER GENERAL ELECTRIC RAM METER VAR METER VOLT METER WATT METER
OE 3143	ANCHOR DARLING DOUBLE DISK GATE VALVES	NOT BE USED IN HIGH TEMPERATURE OR HIGH PRESSURE APPLICATION. THIS IS DUE TO OVERPRESSURIZATION OF THE BONNET FROM A LACK OF PRESSURE RELIEF (SEE DER 89-0151)	ANCHOR DARLING VALVE
OE 3513	ASCO NP8323 SERIES SOLENOID VALVES	VALVE CLOSURE PROBLEMS IN MSIV AT OTHER BWR PLANTS. WILL NOT BE ORDERED OR USED AT FERMI 2 IN THE FUTURE FOR ANY APPLICATIONS (SEE DER 89-0973)	ASCO SOLENOIDS SOLENOIDS
OE 4192	CUSTOM CONTROL SENSORS PRESSURES SWITCHES MODELS 604 AND 646	CUSTOM CONTROL SENSORS PRESSURE SWITCHES MODELS 604 AND 646 WILL NOT BE USED IN SAFETY RELATED APPLICATIONS (SEE DER 90-0645)	CUSTOM CONTROL SENSORS PRESSURES SWITCH
OE 4376	ASCO TRI-POINT PRESSURE SWITCH SERIES SA#0A	ASCO TRI-POINT PRESSURE SWITCHES, SERES SA#0A WILL NOT BE USED FOR SAFETY RELATED APPLICATIONS AT FERMI 2. THE IMPROVED ASCO SERIES "SA#0D" WITH STAINLESS STILL BLANCE PLATE IS ACCEPTABEL (# DENOTES ASSEMBLY SIZE) (SEE DER 91-0054)	ASCO PRESSURE SWITCH
OE 4716	ASCO MODEL 206 SOLENOID VALVES	WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL OF PLANT ENGINEERING (SEE DER 91-0737)	ASCO SOLENOIDS
OE 4816	ASCO MODEL 206 SOLENOID VALVES	WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL OF PLANT ENGINEERING (SEE DER 91-0737)	ASCO SOLENOIDS
OER 96-050	ABB RELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G) HAVING THE SERIAL NUMBER LESS THAN 80,000.	ABB RELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G) HAVING THE SERIAL NUMBER LESS THAN 80,000 WULL NOT BE USED ON 480VAC SWITCH GEAR, AT FERMI 2, WITHOUT PRIOR INSPECTION OF SOLDER CONNECTIONS ON ANY FO THE PRINTED CIRCUIT BOARDS. INSTRUCTIONS FOR INSPECTION OF ACCEPTABLE AND NON-ACCEPTABLE SOLDER CONNECTIONS AND PROCEDURES FOR REMOVING SOLDER AND RESOLDERING OF DEFECTIVE SOLDER CONNECTIONS ARE PROVIDED IN ABB RELAYS POWER SHIELD UNIT 10CF21 DATED 11/20/95 ATTACHMENT "A" (DER 96-0224, OTH 96-034, OER 96-050)	ABB POWER SHILED TRIP DEVICE RELAYS ITE GOULD
OER 99-119	MERCROID/DWYER PRESSURE, LEVEL OR TEMPERATURE CONTROLS REQUIRING	VERMONT YANKEE NUCLEAR PLANT HAS IDENITIFIED UNDOCUMENTED FACTORY INSTALLED JUMPERS. IF THE	MERCROID MERCROID/DWYER

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Documents	Part Type	Notes	Keywords
	TWOOR MOR DISCRETE SWITCHES	APPLICATION REQUIRES 2 OR MORE DISCRETE (SEPARATE) SWITCHEDS (I.e. NOT FORM-C) VERIFY DURING RECEIPT INSPECTION OR PRIOR TO INSTALLATION THAT THE FACTORY HAS NOT INSTALLED JUMPERS BETWEEN THE DISCRETE SWITCHES. (DER 96-1340).	TEMPERATURE SWITCH PRESSURE SWITCH LEVEL SWITCH
OTH 01-096	GENERAL ELECTRIDC IRM INVERTER MODULE PART NUMBER 368X188AAG006	GENERAL ELECTRIC IRM INVERTER MODULE PART NUMBER 368X188AAG006 WILL NOT BE USED AT FERMI 2. SEE CARD 01-18849. SPRS STOCK CODE 489-1166 DESCRIPTION FOR INVERTER MODULE 368X188AAF004 HAS BEEN UPDATED FOR THE SAME	IRM SURGE SUPPRESSION INVERTER MODULE
OTH 03-024	CARBOLINE COMPANY CARBOGUARD 890 PART B	BATCHES 2A226L, 2H275L AND 2H352L SHALL NOT BE USED DUE TO PROBLEMS WITH SETTING	CARBOLINE CARBOGUARD PAINT
OTH 03-118	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3	A POTENTIAL SAFETY CONCERN WAS REPORTED REGARDING FAIURE OF THE CUTLER-HAMMER FREEDOM SERIES HEATER PACK DUE TO A POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL. HEATER PACKS ARE H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3 (CARD 03-11949).	EATON FRAMATOME CUTLER HAMMER HEATER HEATER PACKS
OTH 89-005	SCHUTTE AND KEORTING SWING CHECK VALVES	SCHUTTE AND KOETRTING SWIGN CHECK VALVES SHOULD NOT BE LOCATED IMMEDIATELY DOWNSTREAM FROM AN ELBOW OR OTHER TURBULENT FLOW CONDITIONS AND ONCE THROUGH BOILER, SWIGN CHECK VALVES MAY ALSO REQUIRE A MODIFICATION TO COTTER PIN THAT LOCKS THE DISK RETAINING NUT TO THE DISK.	SCHUTTE AND KOERTING VALVE
OTH 89-072	RDF CORPORATION RESISTANCE TEMPERATURE DETECTORS (RTDs)	WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL OF NUCLEAR ENGINE INCREASED CALIBRATION DESCREPANCIES	DF CORPORATION RTDs WESTINGHOUSE
OTH 90-050	CUSTOM CONTROL SENSORS PRESSURE SWITCHES MODELS 604 AND 646	CUSTOM CONTROL SENSORS PRESSURE SWITCHES MODELS 604 AND 646 WILL NOT BE USED IN SAFETY RELATED APPLICATIONS (SEE DER 90-0645)	CUSTOM CONTROL SENSORS PRESSURE SWITCH
OTH 91-037	SQUARE D 60 AND 100 AMPERE TYPE QMB SWITCHES	SWITCHES MANUFACTURED BETWEEN AUGUST 20, 1990 AND SEPTEMBER 24, 1990 WILL NOT BE USED AT FERMI 2 (DER 91-0681)	SQUARE D SWITCH
OTH 91-038	ABB TYPE RXMH2 HEAVY DUT AUXILIARY RELAY	RELAY MANUFACTURED BETWEEN MARCH 1989 AND SEPTEMBER 1990 WILL NOT BE USED AT FERMI 2 (DER 910687)	ABB RELAY
OTH 91059	ITE/GOULD /ELEMECANIQUE TYPE J-10 RELAYS	WILL NOT BE USED AT FERMI 2 IN GANGED ARRANGEMENT (DER 91-0944)	GOULD ITE RELAY TELEMECANIQUE
OTH 92-011	DRESSER INDUSTRIAL TYPE 1982 PRESSURE RELIEF VALVE	WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL (DER 92-0126)	DRESSER RELIEF VALVE
OTH 92-015	ELMWOOD/FASCO DEFINITE PURPOSE CONTACTORS MANUFACTURED BEFORE 2/5/92	SHALL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL (DER 92-0114)	ELMWOOD FASCO CONTACTOR
OTH 92-024	TARGET ROCK INTERNATIONAL (TARGET ROCK PART RECTIFIER MODEL NO. 35MB40A (TARGET ROCK PART NO. 203129-1)	SHALL NOT BE USED AT FERMI 2 IN SAFETY-RELATED APPLICATION WITHOUT PLANT ENGINEERING APPROVAL (DER 92-0294)	TARGET ROCK INTERNATIONAL RECTIFIER RECTIFIER

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OTH 92-053	ABB TIME RELAY MODEL ITE-626	SHALL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL (DER 92-0657)	ABB RELAY
OTH 93-020	STATIC O-RING NUCLEAR SWITCHES MODEL NUMBERS STARTING WITH 54N6 54TA, 52N6, 52TA AND ENDING WITH JJTTX6, JJTTX7, JJTTX13, OR JJTTX14.	ALL USERS OF NUCLEAR-QUALIFIED VACUUM SWITCHES REVIEW APPLICATION TO DETERMINE IF THE VACUUM SENSORS ARE EXPECTED TO RETAIN PRESSURE GREATER THAN 150 PSI AFTER EXPOSURE TO RADIATION AND ELEVATED TEMPERATURES. (REF OTH 93-020, DER 93-0225)	STATIC O-RING SWITCH
OTH 93-026	EAGLE SIGNAL CONTROLS MODEL HO-64A602	SIGNAL CONTROLS MODEL HO-64A602 MANUFACTURED BY EAGLE SIGNAL CONTROLS "LIMITATIONS "/" CAUTION" MECHANICAL BINDING HAS OCCURRED WHILE IN SERVICE AT THE ZION NUCLEAR FACILITY. (DER 93-0305)	TIMER CONTROL EAGLE SIGNAL- CONTROLS
OTH 93-045	WILCO LEXAN HOSE MODEL HN-4-L NOSSLE	REPEATED FAILURES OF COMPONENT MANDATES THAT THIS COMPONET BE BANNED FROM USE ON SITE (FERMI 1 AND FERMI 2) (DER 93-0467)	HOSE NOZZLE LEXAN WILCO
OTH 93-061	C & S DUAL PLATE CHECK VALVE WITH VITON SEATS	C & S DUAL PLATE CHECK VALVE WITH VITON SEATS WILL NOT BE USED AT FERMI 2. (DER 93-0638)	C & S CHECK VALVE VITON
OTH 96-034	ABB RELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G) HAVING THE SERIAL NUMBER LESS THAN 80,000.	ABBRELAYS POWER SHIELD TRIP DEVICE (SS3, SS4G, SS5G) HAVING THE SERIAL NUMBER LESS THAN 80,000 WILL NOT BE USED AT ALL 480VAC SWITCH GEAR AT FERMI 2. WITHOUT PRIOR INSPECTION OF SOLDER CONNECTIONS ON ANY OF THE PRINTED CIRCUIT BOARDS. INSTRUCTIONS FOR INSPECTION OF ACCEPTABLE AND NON-ACCEPTABLE SOLDER CONNECTIONS AND PROCEDURES FOR REMOVING SOLDER AND RESOLDING OF DEFECTIVE SOLDER CONNECTIONS ARE PROVIDED IN ABB RELAYS POWER SHIELD UNIT 10CFR21 DATED 11/20/95 ATTACHMENT "A" (DER 96-0224, OTH 96-034, OER 96-050)	ABB POWER SHIELD TRIP DEVICE RELAYS ITE GOULD BBC
PS 2471	ITE/GOULD/TELEMECANIQUE TYPE J-10 RELAYS	WILL NOT BE USED AT FERMI 2 IN GANGED ARRANGEMENT (DER 91-0944)	GOULD ITE RELAY TELEMECANIQUE
PS 39593	CARBOLINE COMPANCY CARBOGUARD 890 PART B	BATCHES 2A266L, 2H9275L AND 2H9352L SHLAL NOT BE USED DUE TO PROBLEMS WITH SETTING (CARD 03-11639)	CARBOLINE CARBOGUARD PAINT
PS 40206	EATON CUTLER-HAMMER FREEDOM SERIES HEATER PACKS H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3.	A POTENTIAL SAFETY CONCERN WAS REPORTED REGARDING FAIURE OF THE CUTLER-HAMMER FREEDOM SERIES HEATER PACK DUE TO A POSSIBLE DEFECT IN THE WELD WHICH JOINS THE SCREW TERMINAL TO THE HEATER COIL. HEATER PACKS ARE H2009B-3 THROUGH H2011B-3 AND H2012B-3 THROUGH H2017B-3. (CARD 03-11949)	EATON FRAMATOME CUTLER HAMMER HEATER HEATER PACKS
RICSIL 044	CROSBY SRV STYLES HB-65 DF AND HB-65-BP	WILL NOT BE USED AT FERMI 2. THESE VALVES HAVE AN INHERENT DEFECT WITH A SAFETY RELATED PART OF THE ELECROPNEUMATIC ACTUATOR LIFTING MECHANISM USE TO OPEN THE SV. (SEE DER 89-0876)	CROSBY SAFETY RELIEF VALVE VALVE
SAL 203.1	GENERAL ELECTRIC HEA RELAY AND SB SWITCHES	GENERAL ELECTRIC HEA RELAY IS USED AS AGENERATOR LOCKOUT RELAY IN THE REACTOR RECIRCULATION SYSTEM	GE HEA RELAY

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		PROTECTION AND AUX RELAY CUBICLE. HEA RELAY (AND SB SWITCH) PROBLEMS HAVE BEEN TRACED TO THE METHOD OF MOUNTING AND WIRING THESE DEVICES. GE ISSUED A SERVICE ADVISE LETTER (SAL 203.1) TO RECOMMEND MOUNTING AND WIRING PRACTICES TO CORRECT THE PROBLEMS FOUND. THE HEA RELAY IS LIMITED FOR USED IN ACCORANCE WITH THE RECOMMENDED MOUNTING AND WIRING PRACTICES. (DER 95-0404).	SB SWITCHES RELAY
SECTIONS MSS 3.1-C ARTICLE 2.26	PLASTIC TUBING/PIPING	SHALL NOT BE USED ON-SITE STORAGE FACILITY HBAC INSTRUMENTATION WITHOUT PLANT ENGINEERING APPROVAL	TUBING PIPING
SEN 51	WESTINGHOUSE TYPE DS CIRCUIT BREAKERS	NOT TO BE USED AT FERMI 2 (ALSO SEE BULL 88-001) DEFICIENT ELECTRICAL TERMINATIONS IDENTIFIED IN WESTINGHOUSE CIRCUIT BREAKERS; TUPES DS 206 AND DS 416 (SEE DER 88-1987)	CIRCUIT BREAKERS WESTINGHOUSE
SEN 52	ASCO SOLENOID VALVES: NP 8314 SERIES	NOT TO BE USED AT FERMI 2. NP8314 SERIES SOLENOID VALVES FAIL TO SHIFT TO THEIR DE-ENERGIZED POSITION DUE TO STICKING/BINDING OF LUBRICANT (SEE DER 88-1996)	ASCO SOLENOID SOLENOIDS
SEN 60-89	POTTER & BRUMFIELD, MDR SERIES RELAYS	POTTER 7 BRUMFIELD, MDR RELAYS OF NEW DESIGN WITH EPOXY INSULATION WILL NOT BE USED AT FERMI 2 DUE TO FAILURE TO CHANGE STATE OR DELAY CHANGING STATE WHEN DE-ENERGIZED. (SEE DER 89-0581)	POTTER 7 BRUMFIELD RELAYS
SEN 73	CUTLER HAMMER STARTERS 'A10 SERIES	CULTER HAMMER STARTERS "A10" SERIES NEMA SIZE ,2 AND 3 MANUFACTURED BETWEEN 1-1-87 AND 5-19-89 WILL NOT BE USED AT FERMI 2 (SEE DER 90-0428)	CUTLER HAMMER STARTERS
SEN 85	TRANSISTORS TYPE 2N2405 AND 2N2415 MANUFACTURED BY RCA PRIOR TO 1892	WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL OF PLANT ENGINEERING (SEE DER 91-0847)	RCA TRANSISTOR
SEN 86	ITE/GOULD/TELEMECANIQUE TYPE J-10 RELAYS	WILL NOT BE USED AT FERMI 2 IN GANGED ARRANGEMENT (DER 91-0944)	GOULD ITE RELAY RELEMECANIQUE STUDS
SER 01-80	TYPE 416 STAINLESS STEEL STUDS	WILL NOT BE USED ON STAINLESS STEEL ANCHOR/DARLING VALVES	
SER 02-80	TARGET ROCK 2 IN. & 6 IN., 1500 POUND GLOBE VALVES	WILL NOT BE USED AT FERMI 2	VALVE
SER 03-82	WELL MOUNTED RTDs	WILL NOT BE USED IN THE REACTOR PROTECTION SYSTEM	RIDs
SER 04-83	POTTER AND BRUMFIELD TYPES MDR 137-8 & 138-8 VDC RELAY	ARE NOT PRESENTLY USED IN ANY SAFETY-RELATED APPLICATION. WILL NOT ORDEF IN THE FUTURE FOR ANY APPLACATION.	RELAYS
SER 07-82	ROCKBESTOS COAXIAL TYPE RSS-6 SERIES 100 THRU 112	ROCKBESTOS COAXIAL CABLES TYPED RSS-6-100 TO RSS-6-112 ARE NOT ALLOWED IN THE DRYWELL OR STEAM TURNEL BECAUSE TO HIGH TEMPETATURE SEE EF2-60507 FOR EXCEPTIONS.	CABLE
SER 11-80	JOHN CRANE CHECK VALES	WILL NOT VE SUSED WITH CARBON STEEL COTTER PIN	VALVE

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		SECUREMENTS	
SER 14-80	90-10 Cu Ni HEAT EXCHANGER TUBES	WILL NOT BE USED IN THE RKR HEAR EXCHARGERS.	TUBE HEAT EXCHANGERS
SER 14-83	WESTINGHOUS DB TYPE CIRCUIT BREAKERS	WILL NOT BE USED AT FERMI 2 (SEE ALSO BULL 73-001)	TUBE CHANGERS
SER 14-83	GENERAL ELECTRIC AK-2 TYPE CIRCUIT BREAKER	WILL NOT BE USED AT FERMI 2 (SEE ALSO BULL 79-009)	CIRCUIT BREAKERS
SER 16-81	FLEXIBLE LOVEJOY COUPLINGS	WILL NOT BE USED ON THE EMERGENCY DIESEL GENERATORS	COUPLINGS
SER 18-84	WESTINGHOUSE MODEL SA-1 DIFFERENTIAL RELAYS	WILL NOT BE USED AT FERMI 2 (See also Notice 83-63)	RELAYS
SER 22-81	INC MECHANICAL	WILL NOT BE USED AT FERMI 2	SNUBBER
SER 28-81	FISHER BUTTERFLY VALVE TYPE 9200	WILL NOT BE USED IN A CONTAINMENT CAPACITY WITHOUT PLANT ENGINEERIN REVIEW	VALVE
SER 33-83	PTK MICRO SWITCHES	WILL NOT BE USED AT FERMI 2	SWITCH
SER 34-83	LIBERTY CONTROL COAMPAY TELEPHONE RELAYS	WERE USED IN SOME TYPES OF GE PROTECTIVE RELAYS MANUFACTURED BETWEEN JULY 1980 AND FEBRUARY 1982. WILL NOT BE USED AT FERMI 2.	RELAYS
SER 34-84	GENERAL ELECTRIC AUXILIARY RELAYS TUPE HMA	RELAYS MANUFACTURED IN 1974 WILL NOT BE USED WITHOUT PLANT ENGINEERING APPROVAL	RELAYS
SER 37-81	ALLIS-CHALMERS SWITCHGEAR	WILL NOT BE USED AT FERMI 2	SWITCHGEAR
SER 39-80	C. P. CLARE MERCURY WETTED MATRIX RELAYS MODEL HG2X-1011	WILL NOT BE USED AT FERMI 2 (See also BULL 80-019)	RELAYS
SER 40-82	VELAN 2-1/2 INCH STOP CHECK VALVES	WILL NOT BE USED AT FERMI 2 (See also BULL 79-004)	VALVE
SER 41-84	ROCKWELL INERNATIONAL OR ROCKWELL EDWARDS SS GLOBE VALVE AND/OR STEM DISK ASSEMBLIES (#3624)	GLOBE VALVE FIGURE NUMBER 3624 (MANUFACTURED PRIOR TO 1974) AND /OR STEM-DISK ASSEMBLIES NOT TO BE PURCHASED FOR SPARE PARTS. ACCEPTABLE REPLACEMENT ARE THOSE MANUFACTURED AFTER 1974 AND WITH A FIGURE NUMBER OF D3624 (D PREFIX)	VALVE
SER 43-83	STAR MODEL QE SPRINKLER HEADER	WILL NOT BE USED AT FERMI 2	SPRINKLER
SER 45-80	SCULTE AND KOERTING 3 INCH, 600 POUND, MOTOR-OPERATED VALVES	WILL NOT BE USED IN AN MSIV BY-PASS CAPACITY	VALVE
SER 45-83	LIMTORQUE OPERATORS TYPE SB-00 AND SBD-00	WILL NOT USED IN SAFETY-RELATED APPLICATIONS	VALVE LIMITORQUE
SER 50-80	CORNER AND LADA SWAY STRUTS	WILL NOT BE USED AT FERMI 2	STRUTS
SER 58-81 SER 81-81	VERLAN 6 ICH, 600 POUND , AND 8 INCH, 1500 POUND SWING CHECK VALVES	WILL NOT BE USED AT FERMI 2 (See also BULL 79-004)	VALVE

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SER 63-81	FOXBORO 10-50 MA RANGE TRANSMITTERS	WILL NOT BE USED IN SAFETY-RELATED APPLICATIONS	APPLICATIONS
SER 63-81	WEED INSTRUMENTS MODEL N-E11 AND N-E13 WITH 10-50MA OUTPUT	WEED INSTRUMENTS MODELS N-E11 AND N-E13 WITH 10-50MA OUTPUT WILL NOT BE USED IN SAFETY RELATED APPLICATIONS PER SER 63-81, SINCE WEED TRANSMITTERS ARE IDENTICAL IN FIT, FORM AND FUNCTION TO THE FOXBORO TRANSMITTERS (TSR 29051)	TRANSMITTERS
SER 65-83	SIEMENS-ALLIS PUMPS	WILL NOT BE USED AT FERMI 2	PUMPS
SER 68-82	AGASTAT GP RELAYS	RELAYS MANUFACTURED BETWEEN JANUARY 1975 TO AUGUST 1977 WILL NOT BE USED WITHOUT PLANT ENGINEERING APPROVED MODIFICATION (See also FNR-5534)	RELAYS
SER 71-82	AGASTAT RELAY BASE CR0095	AGASTAT RELAY BASE CR0095 MANUFACTURED PRIOR TO 1978-----WILL NOT BE USED AT FERMI 2	RELAYS
SIL 155	GENERAL ELECTRIC SBM SWITCH	SWITCHES MANUFACTURED BEFORE 1984 HAVE BEEN USED AT SWITCH FERMI 2. PROBLEMS HAVE BEEN IDENTIFIED AND ADDRESSED IN VARIOUS DER DOCUMENTS. NO NEW SBM SWITCHES MANUFACTURED BEFORE 1984 WILL BE INSTALLED IN FUTURE JOBS AT FERMI 2 (SEE ALSO SU 155 SUPP. 1.2. FE-0295)	SWITCH
SIL 229 SUPP 1	GE CR 120 SERIES RELAYS	DO NOT ORDER GE CR120 SERIES RELAYS WITH 115 VAC COILS. ORDER THE CR120 SERIES RELAYS WITH 115-120 VAC COILS (AFTER DATE CODE VA135& AFTER 35 TH WEEK IN 2001) THAT ARE RATED AT 120VAC 60 HZ. WILL NOT BE USED AT FERMI 2 WITHOUT PLANT ENGINEERING APPROVAL (DER 91-0658)	GE RELAYS GE CR120 SERIES RELAYS GENERAL ELECTRIC RELAYS
SIL 230 REV 2	TIME DELAY RELAYS TYPE CR 2820 MANUFACTURED BY GE	WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL FROM PLANT ENGINEERING (SEE DER 91-01880)	GENERAL ELECTRIC LEVEL SWITCHES SWITCH
SIL 531	GENERAL ELECTRIC FLOAT TYPE LEVEL SWITCHES PART NO. 159C4776	WILL NOT BE USED AT FERMI 2 WITHOUT PRIOR APPROVAL FROM PLANT ENGINEERING (SEE DER 91-01880)	GENERAL ELECTRIC LEVEL SWITCHES SWITCH
SIL 617 REV 1	GENERAL ELECTRIC TYPE AK-15, AK-25 AND AKR-30S CIRCUIT BREAKERS THAT HAVE BEEN CONVERTED TO THE MICRO VERSA TRIP PLUS (MVT+)	GENERAL ELECTRIC TYPE AK-15, AK-25 AND AKR-20S CIRCUIT BREAKERS THAT HAVE BEEN CONVERTED TO THE MICRO VERSA TRIP PLUS (MVT+) OVERCURRENT TRIP DEVICES. THESE BREAKERS HAVE FAILED TO BE ABLE TO RESET OR THE FLUX SHIFTER CONTAINED IN THE MVT+ FAILING TO RESET. THIS APPLIES ONLY TO THE 'AK BREAKERS WHICH HAVE INTERNALLY SENSED TRIPS FROM THE MVT+. (CARD 00-10137).	GENERAL ELECTRIC GE CIRCUIT BREAKER
TB 9301	NAMCO EA740 & EA750 MAINTAINED SERIES LIMIT SWITCHES	NAMCO EA750 MAINTAINED SERIES LIMIT SWITCHES SHOULD NOT BE USED WHEN TEMPERATURES ARE BELOW 70 DEGREES F. (DER 93-06R4)	LIMIT SWITCH NAMCO
VENDOR INFO	SPS TECHNOLOGIES CADMIUM PLATED FLEXLOC LOCKNUTS	CADMIUM PLATED FLEXLOC LOCKNUTS SHALL NOT BE USED IN APPLICATIONS WHERE TEMPERATURE EXCEEDS 450 DEGREES F.	LOCKNUTS FLEXLOC CADMIUM PLATED
W-TB-99-05	WESTINGHOUSE TECHNICAL BULLETIN D8-50 CIRCUIT BREAKERS REQUIRE REVIEW OF WESTINGHOUSE TECHNICAL BULLETIN BEFORE INSTALLATION AT FERMI II	WESTINGHOUSE TECHNICAL BULLETIN D8-50 CIRCUIT BREAKERS REQUIRE REVIEW OF WESTINGHOUSE TECHNICAL BULLETIN BEFORE INSTALLATION AT FERMI II	DB-50 CIRCUIT BREAKER

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