

August 28, 1997

Nuclear Regulatory Commission
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**DOCKET 50-155 - LICENSE DPR-6 - BIG ROCK POINT PLANT - INTEGRATED PLAN
SEMI-ANNUAL UPDATE NUMBER 27**

As required by the Big Rock Point operating license, this letter provides the twenty-seventh (and final) update of the Big Rock Point Integrated Plan. Consumers Energy has decided to cease permanent operation of the facility by August 30, 1997. A change to the operating license along with Technical Specifications is being prepared to delete the Integrated Plan and reflect a defueled plant configuration. Several issues have been transferred to decommissioning tasks due to either partial or total applicability during decommissioning.

ISSUES ADDED

None.

ISSUES RANKED

None.

ISSUES CANCELLED

BN-014C - Verification of Seismic Adequacy of Active Components

This issue has been transferred from an Integrated Plan item to a decommissioning task. A review of the seismic/structural requirements associated with spent fuel pool and associated concrete is being prepared for decommissioning planning.

B-183 - CRD System Performance Improvements

This issue is no longer relevant due to the permanent plant shutdown and defueling.



ISSUES CANCELLED (Continued)

B-185 - RGEM Flow Improvements

Improvements have been achieved in RGEM system performance such that completion of the original scope of this issue is no longer necessary.

B-187 - Air Operated Valve (AOV) Pilot Program

This issue is no longer relevant due to the permanent plant shutdown and defueling.

B-188 - Removal and Disposal of Spent Fuel Pool Stored Items

This issue has been transferred from an Integrated Plan item to a decommissioning task.

B-191 - On-Line Condenser Tube Plugging

This issue is no longer relevant due to the permanent plant shutdown and defueling.

B-193 - Relocate EDG Voltage Regulator

Periodic cleaning of voltage regulator has resolved this issue. EDG performance is now acceptable without regulatory relocation such that completion of the original scope of this issue is no longer necessary.

B-194 - Station Power System Load Balancing

This issue has been transferred from an Integrated Plan item to a decommissioning task. A decommissioning electrical power system addition will address this issue.

BN-195 - UFHSR Conformance Review

This issue is no longer relevant due to the permanent plant shutdown and defueling. Review of RPS (Reactor Protection System) was completed with acceptable results. A decommissioning task is developing a design bases summary for the spent fuel pool.

BN-196 - Demineralized Water System Overpressure Protection

This issue is no longer relevant due to the permanent plant shutdown and defueling.

B-197 - CRD Scram Dump Tank Header Dose Reduction

This issue is no longer relevant due to the permanent plant shutdown and defueling. Decommissioning work packages will address this issue.

ISSUES CANCELLED (Continued)

B-198 - 125 VDC Distribution Panel (D02) Replacement

This issue is no longer relevant due to the permanent plant shutdown and defueling. Replacement breakers have been located to support testing, with testing completed on a representative sample of breakers in early 1997.

ISSUES COMPLETED

B-126A - Station Air System Upgrade


Installation of a fourth air compressor to provide service air system needs and provide a backup for instrument air system has been completed.

B-190 - Reactor Deck Concrete Repairs

The concrete repairs to the reactor deck have been completed.

B-192 - Resin Sluicing Line Replacement

Installation of an alternate resin sluicing line has been completed.



Robert J Addy
Plant Manager

CC: Administrator, Region III, USNRC
NRC Resident Inspector - Big Rock Point

ATTACHMENT

ATTACHMENT 1

CONSUMERS POWER COMPANY
BIG ROCK POINT PLANT
DOCKET 50-155

ISSUE INDEX FOR THE BIG ROCK POINT
INTEGRATED PLAN

Submitted August 28, 1997

9 Pages

ISSUE NUMBER	RANK	DESCRIPTION	STATUS
B-001	-	HEAT EXCHANGER TUBE BUNDLE REPLACEMENT	COMPLETE
B-002	-	ACID LINE EXTENSION	COMPLETE
B-003	-	REACTOR COOLANT PRESSURE BOUNDARY LEAKAGE DETECTION	COMPLETE
B-004	-	STACK GAS MONITORING	COMPLETE
BN-005	-	CONTROL ROOM DESIGN REVIEW	COMPLETE
BN-005A	-	CRITICAL SAFETY FUNCTIONS	CANCELED
BN-005B	-	IMPROVE COMMUNICATIONS	COMPLETE
BN-005C	-	RESOLVE HED W/RCP CONTROLS	COMPLETE
BN-005D	-	THIRTY-THREE MINOR CHANGES	COMPLETE
BN-005E	-	AUTOMATED PLANT SIREN CONTROL	COMPLETE
BN-005F	-	ECS LEVEL IMPROVEMENTS	CANCELED
BN-005G	-	RELOCATE RELIEF VALVE ACOUSTIC MONITOR	CANCELED
BN-005H	-	ISOLATION VALVE INDICATION	COMPLETE
BN-006	-	SAFETY PARAMETER DISPLAY SYSTEM	COMPLETE
B-007	-	SCRAM DUMP TANK LEVEL INSTRUMENTATION	COMPLETE
B-008	-	SINGLE CHANNEL RESET INVESTIGATION	COMPLETE
B-009	-	REACTOR COOLING WATER PRESSURE STUDY	COMPLETE
B-009A	-	INSTALLATION OF TELLTALES ON SHUTDOWN HEAT EXCHANGER	COMPLETE
B-010	-	VENTILATION FOR PANEL C-52	COMPLETE
B-011	-	RUCKER SYSTEM (STUDY)	COMPLETE
B-011A	-	TURBINE BYPASS SYSTEM IMPROVEMENTS	COMPLETE
B-012	-	RESIDUAL HEAT REMOVAL HEAT EXCHANGER TUBE FAILURE	COMPLETE
B-013	-	PURITY OF PRIMARY COOLANT	COMPLETE
B-014	-	SEISMIC DESIGN CONSIDERATIONS	COMPLETE
BN-014A	-	RESOLUTION OF SEISMIC ISSUES	COMPLETE
BN-014B	-	SEISMIC ADEQUACY OF ACTIVE COMPONENTS	COMPLETE
BN-014C	-	SEISMIC ADEQUACY OF ACTIVE COMPONENTS	CANCELED

B-015	-	CONTAINMENT ELECTRICAL PENETRATIONS	COMPLETE
B-016	-	SECONDARY SYSTEM INSTABILITIES	COMPLETE
B-017	-	PCS ISOLATION - PC SYSTEM	COMPLETE
B-018	-	HIGH PRESSURE RECYCLE	CANCELED
B-019	-	HYDROGEN MONITORING	COMPLETE
B-020	-	INSTRUMENTATION TO DETECT INADEQUATE CORE COOLING	COMPLETE
B-021	-	RECIRCULATION PUMP TRIP	COMPLETE
BN-022A	-	ORGANIC MATERIALS (WALL COATINGS)	COMPLETE
B-022B	-	POST ACCIDENT CHEMISTRY - SEP TOPIC VI-1	COMPLETE
B-023	-	BALANCE OF PLANT QA PLAN DEVELOPMENT	CANCELED
B-024	-	INSTALLATION OF DP GAUGE ON NONREGEN HEAT EXCHANGER	COMPLETE
BN-025	-	WIND AND TORNADO LOAD & TORNADO MISSILE - SEP TOPICS III-2 & III-4.A	COMPLETE
B-026	-	ISI OF WATER CONTROL STRUCTURES	COMPLETE
B-027	-	SERVICE WATER/COOLING WATER SYSTEMS	COMPLETE
B-028	-	PROXIMITY OF TECTONIC STRUCTURES	COMPLETE
B-029	-	TURBINE MISSILES	COMPLETE
A-030	-	RADIOLOGICAL EFFLUENT TECHNICAL SPECIFICATIONS	COMPLETE
B-031	-	DEFINITION OF OPERABILITY	COMPLETE
BN-032	-	EMERGENCY OPERATING PROCEDURE UPGRADE	COMPLETE
B-033	-	REFERENCE VOLUME CHAMBER REMOVAL	COMPLETE
B-034	-	CONTROL ROOM AIR CONDITIONING	COMPLETE
A-035B	-	FHSR UPDATE STUDY	COMPLETE
A-036	-	ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT (EEQ)	COMPLETE
B-036A	-	EEQ PROGRAM ENHANCEMENTS	COMPLETE
B-037	-	PROBABLE MAXIMUM FLOOD CONSIDERATIONS	COMPLETE
B-038	-	SAFETY RELATED WATER SUPPLY - SEP TOPIC II-3.C	COMPLETE
B-039	-	EFFECTS OF HIGH WATER LEVEL - SEP TOPIC III-3.A	COMPLETE
B-040	-	PIPING AND SAFE END INTEGRITY	COMPLETE

B-041	- CLASSIFICATION OF STRUCTURES, SYSTEMS & COMPONENTS	COMPLETE
B-042	- ONGOING ISI	COMPLETE
B-043	- MECHANICAL SNUBBERS	COMPLETE
B-044	- VERIFICATION OF BS&B VALVE DATA	COMPLETE
B-045	- ECCS TEST TERMINAL BOX	CANCELED
B-046	- REVISED REACTOR VESSEL PRESSURE/TEMPERATURE LIMITS	COMPLETE
B-047	- SPENT FUEL POOL CLEANUP	COMPLETE
B-048	- CLEANUP DEMINERALIZER SYSTEM PUMP REPLACEMENT INVESTIGATION	COMPLETE
B-049	- VENTILATION SYSTEMS	COMPLETE
B-050A1	- MSIV BACKUP VALVES - LEAK TESTING	COMPLETE
BN-050A2	- CONTAINMENT ISOLATION - ONLINE TESTING OF MSIV	COMPLETE
BN-050B	- CONTAINMENT ISOLATION - LEAK TEST OF SERVICE AND INSTRUMENT AIR	COMPLETE
B-050C	- CONTAINMENT ISOLATION - ISOLATION VALVES IN HEATING, COOLING OR SERVICE WATER	COMPLETE
B-050D	- CONTAINMENT ISOLATION - ADD CONTROL CIRCUIT TO TREATED WASTE VALVE (CV-4049)	COMPLETE
B-050E	- CONTAINMENT ISOLATION - AIR LOCK TESTING - SEP TOPIC VI-4	COMPLETE
B-050F	- CONTAINMENT ISOLATION - HAND ISOLATION OF INSTRUMENT LINES - SEP TOPIC VI	COMPLETE
B-050G	- CONTAINMENT ISOLATION - PNEUMATIC TEST OF MSIV - SEP TOPIC VI-4	COMPLETE
BN-051	- DESIGN CODES, CRITERIA AND LOAD COMBINATIONS	COMPLETE
B-052	- HELB - SEP TOPIC III-5.A	COMPLETE
B-053	- PIPE BREAKS OUTSIDE CONTAINMENT	COMPLETE
B-054	- PLANT SHIELDING - NUREG-0737 ITEM II.B.2	COMPLETE
B-055	- METEOROLOGICAL TOWER	COMPLETE
B-056	- ESF UPGRADE	COMPLETE
B-057	- CONTROL ROOM HABITABILITY - NUREG-0737	COMPLETE
B-057A	- CONTROL ROOM HABITABILITY - SEAL DOORS	COMPLETE

B-058	- POST ACCIDENT SAMPLING	COMPLETE
B-059	- MSLB OUTSIDE CONTAINMENT	COMPLETE
B-060	- REVISED SECURITY PRINTS	CANCELED
B-061	- EQUIPMENT IDENTIFICATION	CANCELED
B-062	- REVISE DRAWINGS (SYSTEM CHECKSHEET VERIFICATION)	COMPLETE
B-063	- CONTAINMENT PURGE AND VENT	COMPLETE
B-064	- CONTAINMENT ILRT	COMPLETE
B-065	- TEST CARD READER	CANCELED
B-066	- RADWASTE MONITOR FLUSH TIMER	CANCELED
B-067	- ISOLATION OF RPS FROM NONSAFETY SYSTEMS	COMPLETE
B-068	- DC SYSTEM MONITORING	COMPLETE
B-069	- ACID AND CAUSTIC TANK PROBLEMS	COMPLETE
B-070	- EDG PANEL VENTILATION	COMPLETE
B-071	- CHANGE PIPING IN CHEM LAB HOT HOOD	CANCELED
B-072	- FACILITY MODIFICATIONS - WAREHOUSE	COMPLETE
B-073	- CONTROL OF HEAVY LOADS	COMPLETE
B-074	- REACTOR COOLANT SYSTEM - HIGH POINT VENTS	COMPLETE
A-075A	- ALTERNATE SHUTDOWN SYSTEM	COMPLETE
A-075B	- RADIANT ENERGY SHIELDS	COMPLETE
A-075C	- ASSOCIATED CIRCUITS	COMPLETE
B-076	- CONTAINMENT HIGH RANGE MONITOR	COMPLETE
B-077	- INVESTIGATE INCORE AVAILABILITY PROBLEM	COMPLETE
B-077A	- INVESTIGATE INCORE AVAILABILITY PROBLEM	CANCELED
B-078	- CLEANUP SYSTEM DRAIN LINE	CANCELED
B-079	- CONTROL ROD MISOPERATION	COMPLETE
B-080	- PERFORMANCE OF BWR SAFETY VALVES	COMPLETE
B-081	- POSITION INDICATION OF PORV'S	COMPLETE
B-082	- RDS RELIABILITY IMPROVEMENTS	COMPLETE

B-083	- FULL STROKE TESTING OF REACTOR DEPRESSURIZATION VALVE (This issue was combined with Issue B-82)	CANCELED
B-084	- SCRAM DUMP TANK VALVE - LACK OF REDUNDANCY (STUDY)	COMPLETE
B-084A	- SCRAM DUMP TANK REDUNDANT VALVES	COMPLETE
B-085	- CONTAINMENT OVERPRESSURE - NITROGEN SUPPLY TO RDS ISOLATION VALVES	COMPLETE
B-086	- BYPASS OF MOV THERMAL OVERLOADS	COMPLETE
B-087	- PIPE BREAK OUTSIDE OF CONTAINMENT	COMPLETE
B-088	- MSLB OUTSIDE CONTAINMENT - RADIOLOGICAL CONSEQUENCES	COMPLETE
B-089	- RCPB LEAKAGE DETECTION	COMPLETE
BN-090	- CLASSIFICATION OF STRUCTURES, SYSTEMS AND COMPONENTS	COMPLETE
B-091	- CONTAINMENT ISOLATION - POST LOCA SYSTEM WALKDOWNS	COMPLETE
B-092	- CONTAINMENT ISOLATION - CLOSED SYSTEMS	COMPLETE
B-093	- EMERGENCY RESPONSE FACILITIES (UPGRADE TSC)	COMPLETE
B-094A	- POST TRIP REVIEW - DATA & INFORMATION CAPABILITIES	COMPLETE
B-094B	- POST TRIP REVIEW - DATA & INFORMATION CAPABILITIES	COMPLETE
B-095	- INSTALLATION OF FILTERS IN INSTRUMENT AIR LINE	COMPLETE
B-096	- INSTALLATION OF ISOLATION VALVE UPSTREAM OF CV-4027	COMPLETE
B-097	- REPLACEMENT OF VIP-5 WITH MOTOR OPERATED VALVE	COMPLETE
B-098	- REVISIONS TO 125-VOLT DC DRAWINGS	COMPLETE
B-099	- EQUIPMENT CLASSIFICATION - RPS COMPONENTS	COMPLETE
BN-100	- VENDOR INTERFACE AND MANUALS	COMPLETE
B-101	- POST MAINTENANCE TESTING - RPS COMPONENTS	COMPLETE
B-102	- EQUIPMENT CLASSIFICATION - ALL SAFETY RELATED EQUIPMENT	COMPLETE
B-103	- POST MAINTENANCE TESTING - ALL SAFETY RELATED EQUIPMENT	COMPLETE
B-104	- CORE SPRAY PUMP SUCTION STRAINER BLOCKAGE (Replaced by B-104A)	COMPLETE
B-104A	- CORE SPRAY PUMP SUCTION STRAINER BLOCKAGE	COMPLETE
B-105	- REACTOR DEPRESSURIZATION SYSTEM HANGER REPLACEMENT	COMPLETE
B-106	- REMOVE TURBINE GRATING	COMPLETE

B-107	- FLOOD ANNUNCIATION	CANCELED
B-108	- MAIN STEAM LINE DRAIN ISOLATION	COMPLETE
BN-109	- BACKUP HIGH RANGE STACK MONITOR	COMPLETE
B-110	- LIGHTNING PROTECTION	COMPLETE
B-111	- REPLACEMENT OF NEUTRON MONITORING INSTRUMENTATION	COMPLETE
A-112	- ALTERNATE ROD INJECTION	CANCELED
B-113	- RELIEF VALVE FAILURES INVESTIGATION	COMPLETE
B-114	- RECIRCULATION PUMP ROOM LIGHTING	COMPLETE
B-115	- CONDENSER MAKEUP WATER/CORE SPRAY INVESTIGATION	COMPLETE
B-115A	- ALTERNATE SOURCE OF MAKEUP TO CONDENSER HOTWELL	CANCELED
B-116	- CLEANUP DEMIN PIT ACCESS HANDRAIL	COMPLETE
B-117	- REPLACE DIESEL FIRE PUMP ENGINE	COMPLETE
B-118	- UNDERWATER FILTERING SYSTEM FOR SPENT FUEL POOL	COMPLETE
B-119	- ACID SYSTEM MODIFICATIONS TO ELIMINATE PIPING CORROSION	COMPLETE
B-120	- ACCESS TO RECIRC PUMP ROOM HEAT SENSORS	COMPLETE
B-121	- PROVIDE ENGINEERING SUPPORT FOR CRD REPAIRS	COMPLETE
B-122	- REPLACE STATION BATTERY	COMPLETE
B-123	- REPLACE CONTROL ROOM RECORDERS	COMPLETE
BN-124	- VITAL AREA UPGRADE	COMPLETE
BN-125	- CCTV UPGRADE	COMPLETE
B-126	- STATION AIR COMPRESSORS	COMPLETE
B-126A	- STATION AIR SYSTEM UPGRADE	COMPLETE
B-127	- REPLACE INSTRUMENT AIR DRYER	COMPLETE
B-128	- REPLACEMENT OF CABLE IN RECIRC PUMP ROOM	COMPLETE
B-129	- REWIRE CRD ACCUMULATOR PRESSURE SWITCH & LEAK DETECTOR SCHEMES	COMPLETE
BN-130	- EVALUATION OF INSTRUMENT AIR SYSTEM PER GENERIC LETTER 88-14	COMPLETE
BN-130A	- INSTALL INSTRUMENT AIR FILTERING	COMPLETE
B-131	- DIESEL GENERATOR RELIABILITY PROGRAM	COMPLETE

A-132	-	SIMULATOR FACILITY PLANT	COMPLETE
B-133	-	SHUTDOWN COOLING HEAT EXCHANGER TUBING REPLACEMENT	CANCELED
B-134	-	RELIEF VALVE TEST STAND	COMPLETE
B-135	-	REACTOR RECIRCULATION PUMP VIBRATION MONITORING	CANCELED
B-136	-	PROVIDE REPLACEMENT VALVE FOR FEEDWATER REGULATOR	COMPLETE
BN-137	-	INDIVIDUAL PLANT EXAM (IPE) PROGRAM - GENERIC LETTER 88-20	COMPLETE
BN-138	-	MOV PROGRAM - GENERIC LETTER 89-10	COMPLETE
BN-139	-	OPEN CYCLE COOLING SYSTEM PROGRAM - GENERIC LETTER 89-13	COMPLETE
B-140	-	GENERATOR SYNCHRONIZING RELAY INSTALLATION	CANCELED
B-141	-	BREAKER COORDINATION ANALYSIS MODIFICATIONS	COMPLETE
B-142	-	EDG TIME DELAY OVERCURRENT RELAYS	COMPLETE
B-143	-	PUMP FLOW METER INSTALLATION FOR SECTION XI	COMPLETE
B-144	-	REPLACE TR-9623 AND ASSOCIATED RTDs	COMPLETE
B-145	-	GENERAL ELECTRIC HFA RELAYS	COMPLETE
B-146	-	REPLACE/MODIFY BREAKER PANELBOARD 2P	COMPLETE
B-147	-	RESOLVE EXISTING CORROSION/NODULES IN FPS	COMPLETE
B-148	-	FEEDWATER TEST STAND REPLACEMENT	COMPLETE
B-149	-	MO-7050 AND MO-7067 ACCESS	CANCELED
B-150	-	REVIEW CRD SYSTEM	COMPLETE
B-151	-	UPGRADE REACTOR BUILDING CRANE BRAKES	COMPLETE
B-152	-	BREAKER REPLACEMENT STRATEGY	COMPLETE
B-153	-	HEA 51 TYPE AUXILIARY RELAY REPLACEMENT	COMPLETE
B-154	-	REPLACEMENT OF LIMITORQUE SMA OPERATORS	COMPLETE
B-155	-	SCREENHOUSE INTAKE BIOFOULING	COMPLETE
B-156	-	PS RE07 A THROUGH D REPLACEMENT	CANCELED
B-157	-	CONTAINMENT PIPEWAY COOLER EFFICIENCY/MAINTAINABILITY	COMPLETE
B-158	-	MAKEUP DEMIN REPLACEMENT	COMPLETE
B-159	-	MO-7070/VPI-303 SPOOL PIECE MONITOR & VENTING	COMPLETE

B-160	-	HAND TRIP SOLENOID (HTS) IMPROVEMENT	COMPLETE
B-161	-	CRD PUMP RELIEF VALVE LEAKAGE	CANCELED
B-162	-	LOADING DOCK CRANE (HOIST)	COMPLETE
B-163	-	VP-301 & 302 AND VPI-304 TEST METHOD CHANGE	CANCELED
B-164	-	CONDENSATE STORAGE TANK SAMPLING LOCATION CHANGE	COMPLETE
B-165	-	PM PROGRAM REVIEW AND UPGRADE	COMPLETE
B-166	-	MO-7061 MODIFICATION TO ADDRESS PRESSURE LOCKING	COMPLETE
B-167	-	TURBINE REPAIR	COMPLETE
B-168	-	REPLACE CV-4040 AND CV-4114	COMPLETE
B-169	-	REPLACE TR-1A66	COMPLETE
B-170	-	MODIFY RWS PIPING	COMPLETE
B-171	-	REPLACE MO/VOP-7066	COMPLETE
B-172	-	CONTAINMENT COATINGS	COMPLETE
B-173	-	REPLACE EFP PANEL	COMPLETE
B-174	-	SOLENOID VALVE REPLACEMENT PROGRAM	COMPLETE
BN-175	-	REACTOR VESSEL MARGIN ANALYSIS	COMPLETE
B-176	-	EDG COOLING WATER ENHANCEMENT	COMPLETE
B-177	-	HIGH INTEGRITY CONTAINER (HIC) STORAGE FACILITY	COMPLETE
A-178	-	MAINTENANCE RULE IMPLEMENTATION	COMPLETE
B-179	-	CORRECTIVE ACTION SYSTEM IMPROVEMENT	COMPLETE
B-180	-	WORK CONTROL CENTER	COMPLETE
B-181	-	TRANSFER CASK OVERHAUL	COMPLETE
A-182	-	VEHICLE BARRIERS	COMPLETE
B-183	-	CRD SYSTEM PERFORMANCE IMPROVEMENTS	CANCELED
B-184	-	TURBINE IMPROVEMENT PROGRAM	CANCELED
B-185	-	RGEM FLOW IMPROVEMENTS	CANCELED
B-186	-	PROCESSING RESINS/LOW LEVEL RAD WASTE SHIPMENTS	COMPLETE
B-187	-	AIR OPERATED VALVE (AOV) PILOT PROGRAM	CANCELED
B-188	-	REMOVAL & DISPOSAL OF SPENT FUEL POOL STORED ITEMS	CANCELED

B-189	-	ALTERNATE BORON INJECTION SYSTEM IMPROVEMENTS	CANCELED
B-190	-	REACTOR DECK CONCRETE REPAIRS	COMPLETE
B-191	-	ON-LINE CONDENSER TUBE PLUGGING	CANCELED
B-192	-	RESIN SLUICING LINE REPLACEMENT	COMPLETE
B-193	-	RELOCATE EDG VOLTAGE REGULATOR	CANCELED
B-194	-	STATION POWER SYSTEM LOAD BALANCING	CANCELED
BN-195	-	UFHSR CONFORMANCE REVIEW PROJECT	CANCELED
BN-196	-	DEMINERALIZED WATER SYSTEM OVERPRESSURE PROTECTION	CANCELED
B-197	-	CRD SCRAM DUMP HEADER DOSE REDUCTION	CANCELED
B-198	-	125 VDC DISTRIBUTION PANEL (D02) REPLACEMENT	CANCELED