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U.S. Nuclear Regulatory Commission Attention: Document Control Desk Mail Station P1-137 Washington, D.C. 20555

Gentlemen:

Subject: Oyster Creek Nuclear Generating Station (OCNGS)

Docket No. 50-219 Integrated Schedule

Project List Semi-Annual Update

Ryference: NRC letter dated May 27, 1988 - Issuance of Amendment

No. 122

Pursuant to condition 2.C(10) of Provisional Operating License DPR-16, GPU Nuclear has implemented the Long Range Planning Program for OCNGS in accordance with the Plan as contained in Enclosure 2, Attachments 1 and 2 of the above reference. As required by Section V.A of the Plan, the following attachments are submitted to provide the semi-annual update of the project list:

- Attachment A contains a new project list of Category A, B and C projects annotated by an asterisk (*) to identify new projects.
- ii. Attachment B contains a summary of Category A and B projects which have been completed, deleted, deferred, changed in scope, or otherwise have had schedule changes with explanations as appropriate. Also contained are Category C project completions and changes in categorization. Changes in scope or schedule of Category C projects will only be addressed if there is an impact on Category A or B schedules.

No changes in Category A project schedules have been made or requested by this submittal. Five Category B schedule changes and one deletion are discussed in Attachment B.

Very truly yours,

R. L. Long
Vice President app Director
Planning & Nuclear Safety

RLL/PC/pa(775)f) cc's on next page 8812080042 881202 PDR ADOCK 05000219

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cc: Mr. William T. Russell, Administrator Region I U.S. Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA. 19406

> NRC Resident Inspector Oyster Creek Nuclear Generating Station Forked River, N.J. 08731

Mr. Alex Dromerick
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SORT BY CATEGORY/CYCLE/BA				STATUS AS OF 29NOV88		
	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION		
1	328232	STANDBY LIQUID CONTROL SYS MOD (SLCS) RB REPL SEALS ON 2 SLCS PUMPS; ADD BORON-10 TO SLCS - REVISE TECH SPEC TO MEET ATWS REQ TS AS DEFINED IN 10CFR50.62.	12R	NRR		
2	402256	TORUS TEMPERATURE INSTRUMENTATION TR RB CR COMPLIANCE TO REG GUIDE 1.97, NUREG 0661. INSTALL TEMP.IND. RECODER IN C.R.	12R	NRR		
3	102631	ALTERNATE ROD INJECTION MOD (ATWS) RB23 CR INSTALL ALTERNATE ROD INJECTION SYSTEM. 10CFR50.62 RULE	12R	NRR		
14	402854	C.R. HABITABILITY MOD CR UCSR TIE-INS OF CR HVAC SYSTEM INSTALLED DURING CYCLE 11. LICENSE CONDITION 2.C.B.	12R	NRR		
5	328262	* STATION BLACKOUT RULE EVALUATION ANALYSIS TO RESPOND TO NRC REQUIREMENTS ON SBO. 10CFR50.63 RULE, COMPLETE BY 4-17-89.	89	NRR		

SOF	RT BY CATEGO	RY/CYCLE/BA	STATUS AS OF 29NOV88		
085	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION	

6	315302	SEP TOPIC III-1	12	NRR	
		EV'. UATE DESIGN OF SPECIFIC COMPONENTS AN : INCORPORATE RESULTS IN AN UPDATE TO THE FSAR. LAI 82251.06			
7	402815	* CONTAINMENT PARTICULATE MONITOR -PHASE 2	12	NRR	
		RB23 INSTALL A NEW CPM UNIT AND HAVE IT OPERATIONAL DURING CYC 12. SEP TOPIC V-5			
8	402840	H2 WATER CHEMISTRY IMPLEMENTATION TB RB YARD	12	NRR	
		FINAL TESTING AND IMPLEMENTATION,			
9	323397	HFA RELAY REPLACEMENTS	128	NRR	
		REPLACE NYLON TYPE RELAYS WITH CENTURY TEFZEL BOBBIN TYPE RELAYS. IEB 84-02.			
10	328100	FW & CRD NOZZLE EXTERNAL UT INSP	12R	NRR	
		UT INSPECTION OF FOUR (4) FW NOZZLES AND ONE (1) CRD NOZZLE. NUREG 0619. REMOVE INSUL., PREPARE SURFACES.			
11	328130	79-02 ANCHOR BOLT INSPECTIONS RB TB INSPECTION OF ANCHOR BOLT INSTALLATIONS.	12R	NRR	

SORT BY CATEGORY/CYCLE/BA				STATUS AS OF 29NOV88		
085	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION		
12	328160	RCS AUG - IGSCC INSPECTION DW RB75 RB95 INSPECT PIPING WELDS.	12R	NRR		
13	328161	RCS STRESS IMPROVEMENT DW RB23 PERFORM STRESS IMPROVEMENT ON SELECTED PIPING WELDS.	12R	NRR		
14	328195	EFFECT OF LOCA ON TORUS TO DW BREAKERS TOR MODIFY VALVES INTERNALLY AND EXTERNALLY. TO MEET NUREG-0661 & GL-83-08 PERFORM TECH SPEC SURVEILLANCES.	12R	NRR		
15	402180	RADIOACTIVE GASEOUS EFFLUENTS MONITORING CR INSTALL NEW CHECK SOURCE FOR HIGH RANGE MONITOR, RECORDERS AND RATE METER.	12R	NRR		
16	402181	RAGEMS UNIT 2 FOR TB INSTALL NEW CHECK SOURCE FOR HIGH RANGE MONITOR.	12R	NRR		
17	402811	CONTROL ROOM CONSOLIDATED DISPLAY CR INSTALL 3 NEW DIGITAL READOUTS ON PANELS 1F/2F, 8F/9F TIE-IN TO KEY C.R. EOP'S DATA. NUREG 0737 SUPP 1.	12R	NRR		

SOR	T BY CATEGORY	/CYCLE/BA	STATUS AS OF 29NOV88	
085	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
****		***************************************		
18	402815 *	CONTAINMENT PARTICULATE MONITOR -PHASE 1 RB23 INSTALL TIE-INS - ISOLATION VALVES AND SUPPORTS - SEP TOPIC V-5.	12R	NRR
19	402857	SW RADIATION MONITOR SYS UPGRADE RB CR YARD REPLACE EXISTING MONITORING SYS WITH STATE-OF-THE-ART MONITORS TO MEET TECH SPEC REQUIREMENTS.	12R	NRR
20	402870	C R RECORDERS UPGRADE CR REMOVE & REPLACE 13 DEFICIENT/ OBSOLETE RECORDERS - REDUCE OPERATOR ERROR-NUREG 0737 SUP 1.	12R	NRR
21	402873	DRYWELL THINNING - CATHODIC PROTECTION TR INSTALL CATHODIC PROTECTION SYSTEM TO ARREST OR MITIGATE IDENTIFIED CORROSION OF THE DRYWELL WALL.	12R	NRR
22	402876	NEW SUPPORTS AND SUPPORT UPGRADES(79-14) DW TB RB UPGRADE EXISTING SUPPORTS AND INSTALL NEW SUPPORTS TO MEET ANSI B31.1 DESIGN CRITERIA.	12R	NRR
23	402879	RPS/ESG INSTRUMENT UPGRADE RB51 TB REPLACE 3 PRESSURE SWITCHES. OPERATIONAL/MAINTENANCE CONCERNS.	12R	NRR

50	RT BY CATEGO	RY/CYCLE/BA		STATUS AS OF 29NOV88
085	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
24	402872	TORUS OZ SAMPLE LINE ISCLATION CR RB23 ADD A RELAY & LOCAL WIRING IN PANEL 11F. INSTALL CABLE FROM CR TO OZ ANALYZER IN RB23.	120	NRR
25	328AB1	RCS STRESS IMPROVEMENT DW RB23 PERFORM STRESS IMPROVEMENT ON SELECTED STAINLESS STEEL PIPING WELDS IN RCS SYS.	13R	NRR
26	328ABO	* RWCU PENETRATION & CH WELD REPAIRS RB DW 119 APPLY CORRN RESIST CLADDING(CRC) TO 5 RWCU WELDS IN DW PENETRNS & 3 NOZZL TO FLNG WELDS ON RX VESSEL HEAD.	13R	NRR
27	328030	CNTRL RM HUMAN FACTORS DESGN REVIEW CR REPAINT, REFURBISH & RELABEL CR PANELS IR THRU 11R INCLUDING 1XR & 9XR. NUREG 0737 SUP 1.	13R	NRR
28	328196	CRD NOZZLE INTERNAL INSPECTION 119 ATTEMPTING TO DO UT INSP IN 12R IN ORDER NOT TO PERFORM PT INSP IN 13R. NUREG-0619 CONTINGENCY EFFORT	13R	NRR
29	328204	RCS AUG - IGSCC INSPECTION DW RB75 RB95 INSPECT PIPING WELDS.	13R	NRR

SOF	T BY CATEGORY	CYCLE/BA	STATUS AS OF 29NOV88		
oas	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION	
30	402YYY	REMOVE DENS, COMP. FROM RX H20 LVL REC. CR REMOVE DENSITY COMPENSATION FROM REACTOR WATER LEVEL INSTRUMENTS. NUREG 0737 SUP 1.	13R	NRR	
31	402808	CONVRT COMPUTER RM TO GSSI/EMER DIR OFFC CPR PERMANENTLY REMOVE SIGMA COMPUTER FROM COMPUTER RM & CONVERT SPACE INTO GSS OFFICE. REQUIRES SECURITY PROOFING.	13R	NRR	
32	402859	ESW FLOW INDICATION (CONTROL ROOM) CR RB23 INSTALL (2) FLOW IND. ATORS IN CR PANEL 2F & ASSOCIATED CABLES FROM RB23' TO CR. REG GUIDE 1.97 REQUIREMENTS.	13R	NRR	
33	402879	RPS/ESG INSTRUMENT UPGRADE RB51 RB23 TB REPLACE 30 PRESSURE SWITCHES. OPERATIONAL/MAINTENANCE CONCERNS.	13R	NRR	
34	402888	RPV CAPSULE #2 119 INSTALL CAPSULE #2 IN 'R' VESSEL. NUREG 0822.	13R	NRR	
35	402900 *	ISO CONDENSER PIPING MODS DW RB75 REPLACE ISO COND PENETRATIONS & PIPING ON THE 75' LEVEL OF RX BLDG.	13R	REL	

SO	RT BY CATEGO	ORY/CYCLE/BA		STATUS AS OF 29NOV88
085	BA	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
36	402910	C R RECORDERS	13R	NRR
		REMOVE & REPLACE APPROX. 15 DEFICIENT/ OBSOLETE RECORDERS - REDUCE OPERATOR ERROR. NUREG 0737 SUPP 1.		
37	328A8J	* RCS AUG - IGSCC INSPECTION DW RB75 R095 INSPECT PIPING WELDS PER NUREG 0313 REV 2.	14R	NRR
38	328ABL	* RCS STRESS IMPROVEMENT DW RB23 PERFORM STRESS IMPROVEMENT ON SELECTED STAINLESS STEEL PIPING WELDS IN RCS SYSTEM.	14R	NRR
39	328205	SQUG SUPPORT & PARTICIPATION - BWROG	87-91	NRR
		PARTICIPATION IN SEISMIC QUALIFICATION OF UTILITY GROUP FOR EQUIP SEISMIC QUALIFICATION. UNRESOLVED SAFETY ISSUE.		
40	328226	* SQUG PROGRAM IMPLEMENTATION	87-93	NRR
		ESTABLISH SEISMIC QUALIFICATION FOR OYSTER CREEK SCOPE INCLUDES WALKDOWNS AND EVALUATIONS.		
41	328092	VENDOR DOCUMENT CONTROL PROGRAM	87/89	NRR
		REVW OF VENDOR MANUALS FOR EXISTING EQUIP VERIFY APPLICABILITY TO SUPPORT MAINTING ACTIVITIES LAI-83139.60		

CATEGORY 'C' PROJECTS

SORT	BY	CA	TEGORY	/CYCLE	/BA

STATUS AS OF 29NOV88

085	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION	
42	402763	WATER CHEMISTRY MONITORING SYSTEM RB51 TBB INSTALL PIPING FOR ON-LINE MONITOR OF DISSOLVED 02 & CONDUCTIVITY FOR FW DISCHARGE SU&T OF RW SAMPLING STA	12	MRC	
43	402823 *	GROUNDING & LIGHTNING PROTECTION YARD MB INSTALL GROUNDING PROTECTION FOR MAIN AND NORTH GUARD HOUSES, MAINT. BLDG., MATL WAREHOUSE.	12	ISM	
4,4,	402836	DILUTION PUMP HOUSE REPAIRS & MODS DIL INSPECT & REPAIR OF CONCRETE. REPLACE CORRODED CONDUITS.	12	MRC	
45	402898	REPL UPPER TB & OLD MACHINE ! 'OOF YARD REPLACE THE UPPER TURBINE BUIL	12	MRC	
46	408783 *	O.C. SPENT FUEL POOL WASTE DISPOSAL 119 REMOVE & DISPOSE OF IRRATIATED HARD-WARE IN THE SPENT FUEL POOL.	12	MRC	
47	323540	LP TURBINE INSPECTION TB COMPLETE INTERNAL INSPECT OF THE "C" LP TURBINE. REMV ROTOR FROM CASING, SANDBLAST UT INSP & REINSTALL ROTOR.	12R	MRC	

SORT BY CATEGORY/CYCLE/BA				STATUS AS OF 29NOV88		
oes	8A NUMBER		DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION	
48	402AAA		OTHER OUTAGE RELATED ACTIVITIES OUTAGE RELATED ACTIVITIES SUCH AS INSPECTIONS, REPAIRS, SURVEILLANCES, MINOR MODIFICATIONS, MOD SUPPORT, ETC.	12R	ALL	
49	402896	•	RX PRESS SWTHS RE03/RE15 CJAVER TO ANALO CR RB REPLACE RE03 A,B,C,&D & RE15 A,B,C&D W/ ELECT TRANSMITERS ON RK01&RK02. ADD ELECT MDLS & RUN CONDUIT BTWN 6R & PNL 18R/19R	12R	ISM	
50	402823	*	GROUNDING & LIGHTNING PROTECTION ORW AGG TB RB INSTALL LIGHTNG PROT FOR OLD RW, AGG, TB,RB, MAINT. BLDG., MATL WAREHOUSE.	13	ISM	
51	323566	•	RECIRC PUMP FLANGE REPAIR & PUMP INSP RB DW 23 INSPECT & REFURBISH "A" RECIRC PUMP & MOTOR.	13R	MRC	
52	323580		LP TURBINE INSPECTION ("A" & "B") TB COMPLETE INTERNAL INSPECTION OF THE "A" & "B" LP TURBINES. REMOVE ROTORS, SANDBLAST, UT INSP & REINSTALL ROTORS.	13R	MRC	
53	402AAU	*	PLANT CHECK VALVE UPGRADE REVIEW CHECK VALVE APPLICABILITY. REPLACE/MODIFY APPROX 10 VALVES. INPO SOER 86-3.	13R	ORR	

50	RT BY CATE	GORY,	/CYCLE/BA	STATUS AS OF 29NOV88		
OBS	BA NUMBER		DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION	
5.5	402888		OTHER OUTAGE RELATED ACTIVITIES			
25	402000		OTHER OUTAGE RELATED ACTIVITIES ALL OUTAGE RELATED ACTIVITIES SUCH AS INSPECTIONS, REPAIRS, SURVEILLANCES, MINOR MODIFICATIONS, MOD SUPPORT, ETC.	13R	ALL	
55	402821	٠	RX RECIRC PUMP & MOTOR VIBRATION MONITRS DW CR INSTALL ACCELEROMETERS ON ALL 5 RECIRC PUMPS, INSTALL ASSOCIATED ELECTRICAL WIRING, WIRE TO CR.	13R	MRC	
56	4 2869		CABLE/CONDUIT REPAIR-CIRC WATER PUMP PIT INT REPLACE ELECTRICAL CONDUITS, CABLE AND CONDUIT SUPPORTS AT THE INTAKE STRUCTURE	13R	REL	
57	402901		FEEDWATER SYSTEM IMPROVEMENT 13R TB CR NCSR REPLACE ANALOG CONTROL SYST W/DIGITAL, PROVIDE CAPABILITY TO ISOLATE REG VLVS, REPL PNEUMATIC RELAYS, REDUCERS & SEL PIP	13R	REL	
58	402915		REDUCE NUMBER MS SAFETY VALVES DW KS SAFETY VALVE REDUCTION STUDY, REPLACE EMRY'S, PERMANENT REMOVAL OF MSSV'S BASE ON STUDY PERFORMED.	13R	RAD	
55	323F33	٠	HP TURBINE INSPECTION TB COMPLETE INTERNAL INSPECT OF THE HP TURBINE. REMY ROTOR FROM CASING, SANDBLAST UT INSP & REINSTALL ROTOR.	14R	MRC	

SORT BY CATEGORY/CYCLE/BA				STATUS AS OF 29NOV88
088	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
60	402CCC	* OTHER OUTAGE RELATED ACTIVITIES ALL OUTAGE RELATED ACTIVITIES SUCH AS INSPECTIONS, REPAIRS, SURVEILLANCES, MINOR MODIFICATIONS, MOD SUPPORT, ETC.	14R	ALL
61	402636	WIDE RANGE NEUTRON MONITORING DW13 INSTALL AN 8 CHANNEL WRNM SYSTEM TO REPLACE EXISTING SRM'S/IRM'S.	14R	NRR
62	402845	UNDER VESSEL CABLING DW REPLACE EXISTING UNDERVESSEL COAXIAL CABLE AND CONNECTORS WITH QUICK DISCONNECT ARMORED CABLE.	14R	MRC
63	402848	* HP TURBINE DIAPHRAM MOD TB REPL 12 DIAPHRAMS REPL & MACHINE ROTOR SEALS TO REDUCE STEAM LEAKAGE. ANALYZE AND CHANGE NAMEPLATE.	14R	REL
64	402883	* CONTAINMENT REVIEW & UPGRADE RB DW EVALUATE THE OC CONTAINMENT IN RELATION TO PROPOSED NRC SEVERE ACCIDENT CONT. POLICY (CHERNOBYL).SCOPE TO BE DEFINED.	14R	ISM
65	328182	DRAWING REVISIONS TO REFLECT AS BUILT/ AS FOUND CONDITIONS RESULTING FROM FCN'S.	87-89	NRR

SOR	T BY CATE	GORY/	CYCLE/BA	STATUS AS OF 29NOV88	
085	BA NUMBER		DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
66	328259		CONFIGURATION MNGT - DRWG PROGRAM	87-90	ISM
			PHASE 1 OF 2 - COMPUTE IZED UPGRD OF OC DWNGS.CREATE STADRS.PROCDRS, SAMPL DIGRMS & IDNEY END-USERS.		
67	328146		PROBABILISTIC RISK ANALYSIS UPDATE	87-91	NRR
			UPDATE EXISTING OC PROBABILISTIC RISK ANALYSIS TO INCORPORATE CHANGES TO PLANT SINCE 1978.		
66	402011		OC REPLICA SIMULATOR	87-91	NRR
			DESIGN, FABRICATE, INSTALL A SIMULATOR DUPLICATING THE OC CONTROL RM FUNCTIONS FOR TRAINING PURPOSES.		
69	328148		O.C. PLANT LIFE EXTENSION	87~92	REL
			DEVELOP 3-PHASE PLEX PLAN. PHASE 1 TO DETERMINE FEASIBILITY AND COST/ ANALYSIS OF PLEX.		
70	328ACY	*	CONFIGURATION MANAGEMENT-DESIGN BASES RE	89-92	NRR
			DEVELOP O.C. SYSTEM DESIGN BASES.PERFORM SSFI'S AND IMPROVE DRAWING LEGIBILITY.		

ATTACHMENT "B"

OYSTER CREEK NUCLEAR GENERATING STATION INTEGRATED SCHEDULE SEMIANNUAL UPDATE (NOVEMBER 30, 1988)

CATEGORY "A" PROJECTS

Additions: As denoted by * next to the project title.

Completions: None

Deletions: None

Schedule Changes: None

Other Changes: None

ATTACHMENT "B" (Cont'd)

CATEGORY "B" PROJECTS

Additions: As denoted by * next to the project title.

Completions: B/A TITLE

> Masonry Wall Mods-Phase II - Ref: I.E.B. 80-11 402719

408077 Enhancement Protected Area Barrier -

NRC Insp. Report 83-07

Radioactive Gaseous Effluents Monitoring -402180

(Cycle 11 portion) - NUREG 0737 & RETS

B/A - 402877 - ISO Condenser Penetration Mod. Deletions:

NRC requirements will be addressed under a separate project that would replace the ISO Condenser penetrations by the end of 13R Refueling Outage. Ref.: GPUN letter

#5000-88-1604 dated 7-27-88

Schedule Changes: B/A 402873 - Drywell Thinning - Cathodic Protection The implementation timeframe was changed from end of Cycle 11 to end of 12R Refueling Outage.

> B/A 402872 - Torus 02 Sample Line Isolation Implementation date was changed from end of 13R Refueling Outage to Cyle 12U. Although the commitment is for the end of refueling Outage 13R, GPUN has elected to finish this project earlier during outages of opportunity if possible.

B/A 328205 - SQUG Support & Participation - BWROG The completion date for the program was changed from 1990 to 1991.

B/A 402181 - RAGEMS Unit 2 for TB The Cycle 11 portion of the Turbine Building RAGEMS project was anticipated to be complete just prior to the start of 12R Refueling Outage. The recent unplanned shutdown (9/29/88) and the resultant early comencement of the 12R Outage precluded the ability to complete this work during Cycle 11. The remaining work, primarily start up and test activities, are scheduled for completion during the 12R outage.

B/A 402879 - RPS/ESG Instrument Upgrade

Scope change is required from 4 to 3 pressure switches during 12R refueling outage. Unavailability of suitable replacement for pressure switch RE23 necessitates schedule changes for the switch to the 13R refueling outage. Addition of this switch to 13R work scope is reflected in this project listing.

Oyster Creek - Integrated Schedule

ATTACHMENT "B" (Cont'd)

CATEGORY "C" PROJECTS

Additions: As denoted by * next to the project title.

Completions:	B/A	TITLE
	402138 409522 328049 328231	Additional Spent-Fuel Storage Racks MAC Facility Refurbishment O.C. LOCA Appendix K-revaluation O.C Material Condition Evaluation Update
	402792	Chlorination Upgrade

Other Changes: B/A 328226 - SQUG Program Implementation

Moved to Category "B" projects per leaves to NRC dated October 13, 1988.

B/A 328161 - RCS Stress Improvement - 12R

Moved to Category "B" projects per letter to NRC dated August 12, 1988.

B.A 328ABI - RCS Stress Improvement - 13R

Moved to Category "B" projects per letter to NRC dated August 12, 1988.

B/A 328ABL - RCS Stress Improvement - 14R

Moved to Category "B" projects per letter to NRC dated August 12, 1988.

B/A 402840 - H₂ Water Chemistry Implementation

Moved to Category "B" projects per letter to NRC dated August 12, 1988.