



April 11, 1984

WOW: 84-17

Mr. Phillip J. Morrill, Project Manager
U. S. Nuclear Regulatory Agency, Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

PROGRESS REPORT, MARCH 1984
TECHNICAL ASSISTANCE FOR INSPECTION OF DIABLO CANYON DESIGN VERIFICATION
PROGRAM, FIN B8552 (UNIT 1) AND FIN A0753 (UNIT 2).

1. Project Description

As a consequence of an Independent Design Verification Program, many modifications and additions to the piping and electrical raceway support systems and building structural steel are being implemented at the Diablo Canyon Nuclear Power Plant. The LLNL is assisting the NRC Region V office in assessing the adequacy of this work.

2. Progress - March 1984

Inspection of the Unit 2 polar crane modifications is nearly complete and is mentioned here because both of the cranes have been entered as single line items in the inspection log. This is a consequence of the drawings not providing a suitable method of uniquely identifying the structural connections.

The unit 2 crane had four (4) box assemblies that were not painted, permitting a thorough visual examination. (All inspections of the Unit 1 crane were conducted after the modifications were painted). Three of these, attached to the sill beams, have been inspected for weld integrity and all had rejectable undercut or material defects. NCR 8833XR-149 documents these findings. Satisfactory closure of the NCR will complete the polar crane inspection since much of the remaining modifications have been painted.

In addition to the polar crane, inspection of spray hangers and annulus structural steel connections in the Unit 2 containment building continued through this report period. This has resulted in relatively heavy coverage of this area. Inspections should be re-directed to other areas during the next report period. The inspection log, sorted by item for each unit was generated to assist the NRC project manager in this regard.

A plan for conducting an inspection of engineering documents affecting design control related to changes initiated in the field was prepared. The plan will be presented to the licensee by the NRC to facilitate access by the inspectors to the documents and key personnel.

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3. Funding

A detailed report of expenditures for this period is provided in Attachments 2 & 3.

A proposal (Form 189) for Unit 2 work was forwarded for NRC approval.

4. Personnel, Subcontracts, and Consultants

The project has lost the services of Ray Bogdanowicz. He has been replaced, for the time being, by Bob White and Jim Selan of LLNL. They will be working alternately on a similar program just beginning at SONGS.

This work is being conducted with assistance from the Energy Measurements Group of EG&G, San Ramon Operations.

5. Meetings/Travel

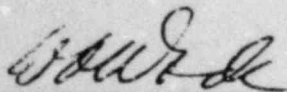
Wally Wade met with Phil Morrill in Walnut Creek on 3/27/84 to discuss several technical and administrative topics and again on 3/28/84 at LLNL with Garth Cummings and Jack Johnson to familiarize Phil with the laboratories' total NRC support effort and the resources of the Nuclear Systems Safety Program with regard to providing continued assistance to Region V programs.

6. Concerns

None

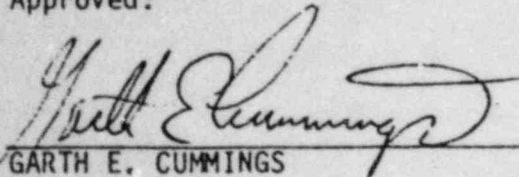
7. Plans

Inspections are to continue in Unit 2.



WALLACE O. WADE
PROJECT MANAGER
EG&G MECHANICAL ENGINEERING DEPARTMENT

Approved:



GARTH E. CUMMINGS
DEPUTY PROGRAM LEADER
NUCLEAR SYSTEM SAFETY PROGRAM

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Attachment

Distribution:

LLNL

G. Cummings
J. Johnson
R. Langland
M. Eli
R. Bogdanowicz
C. Meier
J. Selan
R. White

NRC

R. Gilbert
D. Kirsch
H. Canter
T. Bishop
E. Frigillana

EG&G/SRO

A. Debeling
R. Pong
C. Morton

ATTACHMENT 1

LOG NUM	LOC	U N I T	ITEM	PART NUMBER	START DATE	COMPLETE DATE	CRIT	CONTACTS	AFF	STATUS	STATUS DATE	INSP	MAN HRS
E0052	AUX BLDG	1	RACEWAY SUPPORT	50/CSR-127-4-116	10/26/83	3/13/84	QCP 3	MORRISON	PG	RECORDS	3/02/84	RMB	2.0
							QCP 5A	MELLO	FO	ACC-W/O-QA	3/13/84	RMB	1.0
							QCP 9						
							QCP E9						
E1032	AUX BLDG	1	RACEWAY SUPPORT	16/6E/6W-140-4-210	11/16/83	3/13/84	QCP 3	CADWELL	PG	RECORDS	3/02/84	RMB	3.0
							QCP 5A	WHITE	FO	NCR	3/13/84		
							QCP 9			8802-1120	3/13/84		
							QCP E9			ACC-W/O-QA	3/13/84		
E1066	CONTAINMENT	1	RACEWAY SUPPORT	37/6-140-1-31	12/14/83	3/02/84	QCP 3	MORRISON	PG	RECORDS	3/02/84	RMB	2.0
							QCP 5A	CAMPBELL	FO	ACC-W/O-QA	3/02/84	RMB	
							QCP 9						
							QCP E9						
E1071	AUX BLDG	1	RACEWAY SUPPORT	30/CSR-127-3-346	1/04/84	3/13/84	QCP 3	MORRISON	PG	RECORDS	1/04/84	RMB	
							QCP 5A	BRUNKE	FO	ACC-W/O-QA	3/13/84		
							QCP 9						
							QCP E9						
E1072	AUX BLDG	1	RACEWAY SUPPORT	23/CSR-127-5-6	1/04/84	3/13/84	QCP 3	MORRISON	PG	RECORDS	1/04/84	RMB	
							QCP 5A	BRUNKE	FO	PHYSICAL	1/04/84	RMB	
							QCP 9			NCR	3/13/84	RMB	2.0
							QCP E9			8802-1120	3/13/84		
										ACC-W/O-QA	3/13/84		
E1079	AUX BLDG	1	RACEWAY SUPPORT	48/J-185-1-38	1/05/84	3/13/84	QCP 3	MORRISON	PG	RECORDS	3/02/84	RMB	4.0
							QCP 5A	BRUNKE	FO	NCR	3/13/84		
							QCP 9			8802-1120	3/13/84		
							QCP E9			ACC-W/O-QA	3/13/84		
M0017	PENETRAT BLDG	1	PIPE HANGER	56S-60R	7/06/83	3/21/84	ESD 223	TINKLE	PG	PHYSICAL	1/12/84	MWE	16.0
								HOWELL	BE	ACCEPTED	3/21/84	MWE	5.0
M0047	N/A	1	PIPE HANGER	22-396SL	7/13/83	3/26/84	ESD 223	TINKLE	PG	DR-5184	7/13/83	AGD	2.0
								HOWELL	BE	ACCEPTED	3/26/84	RP	1.0
M0080	AUX BLDG	1	PIPE HANGER	58S-138R	7/18/83		ESD 223	TINKLE	PG	PHYSICAL	1/12/84	MWE	16.0
								HOWELL	BE	SMF-MM	3/30/84	MWE	5.0
								GAUDIUSO	PG	1-83-516			
										MPPR-DC1	3/30/84	MWE	5.0
										84-QC-288	3/30/84		
M0217	CONTAINMENT	2	SPRAY HANGER	414-135R	8/20/83	3/08/84	ESD 223	THOMAS	PG	PHYSICAL	1/13/84	MWE	14.0
								NEFF	BE	ACCEPTED	3/08/84	MWE	5.0
								FURNIS	BE				
								MICHAELS	PG				
M1038	CONTAINMENT	2	SPRAY HANGER	20-96R	2/22/84		ESD 223	BERNASCONI	PG	WELD	2/22/84	MWE	10.0
								MICHAELS	PG	AS-BUILT	2/22/84		
										MVR M-4684	3/30/84		
M1040	CONTAINMENT	2	SPRAY HANGER	20-33R	2/23/84		ESD 223	MICHAELS	PG	DR 8174	3/30/84	MWE	9.0
M1041	CONTAINMENT	2	SPRAY HANGER	20-75R	2/29/84	3/02/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/02/84	RMB	5.0
M1042	CONTAINMENT	2	SPRAY HANGER	20-8R	3/01/84	3/02/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/02/84	RMB	4.0
M1043	CONTAINMENT	2	SPRAY HANGER	414-276R	3/01/84	3/02/84	ESD 223	BERNASCONI	PG	ACC-W/O-QA	3/02/84	RMB	3.0
M1044	CONTAINMENT	2	SPRAY HANGER	414-134R	3/01/84	3/02/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/02/84	RMB	3.0
M1045	CONTAINMENT	2	SPRAY HANGER	20-99R	3/01/84	3/02/84	ESD 223	BERNASCONI	PG	ACC-W/O-QA	3/02/84	RMB	3.0
M1046	CONTAINMENT	2	SPRAY HANGER	414-84R	3/06/84	3/06/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/06/84	MWE	5.0
								MICHAELS	PG				
M1047	CONTAINMENT	2	SPRAY HANGER	20-10R	3/06/84	3/06/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/06/84	MWE	5.0
								MICHAELS	PG				
M1048	CONTAINMENT	2	SPRAY HANGER	20-46R	3/06/84	3/06/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/06/84	MWE	5.0
								MICHAELS	PG				
M1049	CONTAINMENT	2	SPRAY HANGER	20-12R	3/07/84		ESD 223	MICHAELS	PG	RECORDS	3/08/84	MWE	5.0
M1050	CONTAINMENT	2	SPRAY HANGER	20-77R	3/07/84	3/08/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/08/84	MWE	5.0
M1051	CONTAINMENT	2	SPRAY HANGER	20-47R	3/07/84		ESD 223	BERNASCONI	PG	RECORDS	3/08/84	MWE	5.0
M1052	CONTAINMENT	2	SPRAY HANGER	414-136R	3/14/84	3/14/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/14/84	RMB	3.0
M1053	CONTAINMENT	2	SPRAY HANGER	20-18R	3/14/84	3/14/84	ESD 223	BERNASCONI	PG	ACCEPTED	3/14/84	RMB	3.0
M1054	CONTAINMENT	2	SPRAY HANGER	20-83R	3/14/84	3/30/84	ESD 223	BERNASCONI	PG	PHYSICAL	3/14/84	RMB	2.0
										MVR M-4688	3/14/84	RMB	
										ACCEPTED	3/30/84	RMB	1.0
S1024	CONTAINMENT	2	ANNULUS	10033-C2-13-249	2/01/84	3/30/84	QCP 3	KOHLER	BE	WELD	2/01/84	MWE	
							QCP 5A	MUNRO	BE	WLDR QF	2/02/84	MWE	14.0
							QCP C7	BECKORT	FO	NCR	2/02/84	MWE	
							QCP 5	AMARILLAS	FO	5422-455			
										CITATION	2/10/84		
										ACC-W/O-QA	3/30/84	MWE	5.0
S1025	CONTAINMENT	2	ANNULUS	10043-C2-13-420	2/07/84		QCP 3	KOHLER	BE	PHYSICAL	2/07/84	MWE	
							QCP 5A	MUNRO	BE	NCR	2/08/84	MWE	3.0
							QCP C7	BECKORT	FO	5422-466	3/30/84	MWE	5.0
S1026	CONTAINMENT	2	ANNULUS	10074-C2-13-652	2/08/84		QCP 3	KOHLER	BE	PHYSICAL	2/08/84	MWE	
							QCP 5A	MUNRO	BE	NCR	2/09/84	MWE	3.0
							QCP C7	BECKORT	FO	5422-462	3/30/84	MWE	5.0
S1027	CONTAINMENT	2	ANNULUS	10042-C2-13-450	2/07/84	3/13/84	QCP 3	MUNRO	BE	RECORDS	2/10/84	RMB	3.0

					QCP 5A	MCCLASKEY	FO	PHYSICAL	2/10/84	RMB		
					QCP C7	BURDOIN	NR	MCR	2/10/84	MWE	4.0	
								5422-467	2/10/84			
								CITATION	2/13/84			
								ACC-W/O-QA	3/13/84			
S1028	CONTAINMENT	2 ANNULUS	10054-C2-13-497	2/07/84	3/13/84	QCP 3	MUNRO	BE	RECORDS	2/10/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/13/84		
						QCP C7						
S1029	CONTAINMENT	2 ANNULUS	10043-C2-13-428	2/07/84	3/13/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/13/84		
						QCP C7						
S1030	CONTAINMENT	2 ANNULUS	10054-C2-13-496	2/07/84	3/13/84	QCP 3	MUNRO	BE	RECORDS	2/07/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/13/84		
						QCP C7						
S1031	CONTAINMENT	2 ANNULUS	10049-C2-13-502	2/07/84	3/13/84	QCP 3	MUNRO	BE	RECORDS	2/10/84	RMB	5.0
						QCP 5A	MCCLASKEY	FO	PHYSICAL	2/10/84	RMB	
						QCP C7			MCR	2/10/84	RMB	
									5422-465	2/10/84		
									ACC-W/O-QA	3/13/84		
S1032	CONTAINMENT	2 ANNULUS	10059-C2-13-611	2/08/84	3/13/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/13/84		
						QCP C7						
S1033	CONTAINMENT	2 ANNULUS	10043-C2-13-424	2/08/84	3/13/84	QCP 3	MUNRO	BE	RECORDS	2/16/84	RMB	4.0
						QCP 5A	MCCLASKEY	FO	PHYSICAL	2/16/84	RMB	
						QCP C7			MCR	2/16/84	RMB	
									5422-466	2/16/84		
									ACC-W/O-QA	3/13/84		
S1034	CONTAINMENT	2 ANNULUS	10070-C2-13-681	2/08/84	3/13/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	PHYSICAL	2/08/84	RMB	
						QCP C7			ACC-W/O-QA	3/13/84	RMB	
S1035	CONTAINMENT	2 ANNULUS	10084-C2-13-704	2/08/84	3/15/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	PHYSICAL	2/08/84	RMB	
						QCP C7			ACC-W/O-QA	3/15/84	RMB	
S1036	CONTAINMENT	2 PLATFORMS	10034-C2-13-287	2/08/84	3/15/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/15/84		
						QCP C7						
S1037	CONTAINMENT	2 PLATFORMS	10034-C2-13-289	2/08/84	3/15/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/15/84		
						QCP C7						
S1038	CONTAINMENT	2 PLATFORMS	10034-C2-13-301	2/08/84	3/15/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/15/84		
						QCP C7						
S1039	CONTAINMENT	2 PLATFORMS	10034-C2-13-309	2/08/84	3/15/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	3.0
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/15/84		
						QCP C7						
S1040	CONTAINMENT	2 POLAR CRANE	6345-C2-13	3/06/84		QCP 3	MUNRO	BE	RECORDS	3/06/84	MWE	
						QCP 5A	WOOD	FO	WELD			
						QCP C7			MCR	3/08/84	MWE	35.0
									8833XR-149	3/30/84		
S1041	CONTAINMENT	2 ANNULUS	10043-C2-13-422	3/13/84	3/13/84	QCP 3	BECKORT	FO	ACC-W/O-QA	3/13/84	AGD	4.0
						QCP 5A						
						QCP C7						
S1042	CONTAINMENT	2 ANNULUS	10074-C2-13-654	3/13/84	3/13/84	QCP 3	BECKORT	FO	ACC-W/O-QA	3/13/84	AGD	4.0
						QCP 5A						
						QCP C7						
S1043	CONTAINMENT	2 ANNULUS	10033-C2-13-247	3/13/84	3/13/84	QCP 3	BECKORT	FO	ACC-W/O-QA	3/13/84	AGD	4.0
						QCP 5A						
						QCP C7						
S1044	CONTAINMENT	2 ANNULUS	10033-C2-13-250	3/14/84	3/14/84	QCP 3	MUNRO	BE	ACC-W/O-QA	3/14/84	AGD	4.0
						QCP 5A	BECKORT	FO				
						QCP C7						
S1045	CONTAINMENT	2 ANNULUS	10054-C2-13-481	3/14/84	3/14/84	QCP 3	MUNRO	BE	ACC-W/O-QA	3/14/84	AGD	4.0
						QCP 5A	BECKORT	FO				
						QCP C7						
S1046	CONTAINMENT	2 ANNULUS	10069-C2-13-662	3/14/84	3/14/84	QCP 3	RICHMOND	FO	ACC-W/O-QA	3/14/84	AGD	4.0
						QCP 5A						
						QCP C7						
S1047	CONTAINMENT	2 ANNULUS	10036-C2-13-352	3/14/84	3/15/84	QCP 3	RICHMOND	FO	ACC-W/O-QA	3/14/84	AGD	4.0
						QCP 5A						
						QCP C7						
S1048	CONTAINMENT	2 ANNULUS	10036-C2-13-341	3/15/84		QCP 3	RICHMOND	FO	PHYSICAL	3/15/84	AGD	4.0
						QCP 5A			RECORDS	3/15/84	AGD	
						QCP C7						
S1049	CONTAINMENT	2 ANNULUS	10049-C2-13-504	2/08/84	3/15/84	QCP 3	MUNRO	BE	RECORDS	2/08/84	RMB	
						QCP 5A	MCCLASKEY	FO	ACC-W/O-QA	3/15/84	RMB	2.0
						QCP C7						
S1050	CONTAINMENT	2 ANNULUS	10036-C2-13-324	3/15/84	3/15/84	QCP 3	RICHMOND	FO	ACC-W/O-QA	3/15/84	RMB	2.0
						QCP 5A						
						QCP C7						
S1051	CONTAINMENT	2 ANNULUS	10036-C2-13-333	3/15/84	3/15/84	QCP 3	RICHMOND	FO	ACC-W/O-QA	3/15/84	RMB	2.0

S1052	CONTAINMENT	2	ANNULUS	10003-C2-13-23B	3/20/84		QCP 5A QCP C7	MUNRO WALLER	BE PU	RECORDS	3/21/84	CHM	3.0
S1053	CONTAINMENT	2	ANNULUS	10036-C2-13-325	3/20/84	3/21/84	QCP 5A QCP C7 QCP 9	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/21/84	CHM	2.0
S1054	CONTAINMENT	2	ANNULUS	10036-C2-13-345	3/20/84		QCP 5A QCP C7 QCP 9	MUNRO WALLER WOOD	BE PU PU	RECORDS	3/21/84	CHM	3.0
S1055	CONTAINMENT	2	ANNULUS	10044-C2-13-447	3/20/84	3/21/84	QCP 5A QCP C7 QCP 9	MUNRO WALLEK WOOD	BE PU PU	ACC-W/O-QA	3/21/84	CHM	2.0
S1056	CONTAINMENT	2	ANNULUS	10059-C2-13-628	3/20/84	3/21/84	QCP 5A QCP C7 QCP 5	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/21/84	CHM	2.0
S1057	CONTAINMENT	2	ANNULUS	10059-C2-13-630	3/20/84	3/21/84	QCP 5A QCP C7	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/21/84	CHM	2.0
S1058	CONTAINMENT	2	ANNULUS	10069-C2-13-666	3/20/84	3/21/84	QCP 5A QCP C7	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/21/84	CHM	2.0
S1059	CONTAINMENT	2	ANNULUS	10116-C2-13-740	3/20/84	3/21/84	QCP 5A QCP C7	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/21/84	CHM	2.0
S1060	CONTAINMENT	2	ANNULUS	10070-C2-13-685	3/22/84	3/22/84	QCP 5A QCP C7	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/22/84	CHM	2.0
S1061	CONTAINMENT	2	ANNULUS	10074-C2-13-672	3/22/84	3/22/84	QCP 5A QCP C7	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/22/84	CHM	2.0
S1062	CONTAINMENT	2	ANNULUS	10084-C2-13-711	3/22/84		QCP 5A QCP C7	MUNRO WALLER WOOD	BE PU PU	RECORDS	3/22/84	CHM	3.0
S1063	CONTAINMENT	2	ANNULUS	10036-C2-13-358	3/22/84	3/22/84	QCP 5A QCP C7	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/22/84	CHM	2.0
S1064	CONTAINMENT	2	ANNULUS	10044-C2-13-448	3/22/84	3/22/84	QCP 5A QCP C7	MUNRO WALLER WOOD	BE PU PU	ACC-W/O-QA	3/22/84	CHM	2.0
S1065	CONTAINMENT	2	PLATFORMS	10026-C2-B-177	3/22/84		QCP 5A QCP C7 QCP 5	MUNRO WALLER WOOD	BE PU PU	RECORDS	3/22/84	CHM	3.0
S1066	CONTAINMENT	2	ANNULUS	10003-C2-13-438	3/28/84		QCP 3 QCP 5A QCP C7	BECKORT	FO	RECORDS WELD NCR 5422-548	3/29/84 3/29/84 3/29/84 3/29/84	RMB MWE	3.0 2.0
S1067	CONTAINMENT	2	ANNULUS	10003-C2-13-074	3/28/84	3/30/84	QCP 3 QCP 5A QCP C7	BECKORT	FO	ACC-W/O-QA	3/29/84	RMB	2.0
S1068	CONTAINMENT	2	ANNULUS	10028-C2-13-118	3/28/84	3/30/84	QCP 3 QCP 5A QCP C7	BECKORT	FO	ACC-W/O-QA	3/29/84	RMB	2.0
S1069	CONTAINMENT	2	ANNULUS	10042-C2-13-454	3/28/84		QCP 3 QCP 5A QCP C7	BECKORT	FO	RECORDS WELD NCR 5422-548	3/29/84 3/29/84 3/29/84 3/29/84	RMB MWE	3.0 2.0
S1070	CONTAINMENT	2	ANNULUS	10003-C2-13-018	3/28/84	3/30/84	QCP 3 QCP 5A QCP C7	BECKORT	FO	ACC-W/O-QA	3/29/84	RMB	2.0
S1071	CONTAINMENT	2	ANNULUS	10003-C2-13-082	3/29/84		QCP 3 QCP 5A QCP C7	BECKORT	FO	RECORDS PHYSICAL	3/29/84 3/29/84	RMB RMB	3.0
S1072	CONTAINMENT	2	ANNULUS	10003-C2-13-076	3/29/84	3/30/84	QCP 3 QCP 5A QCP C7	BECKORT	FO	ACC-W/O-QA	3/29/84	RMB	2.0
S1073	CONTAINMENT	2	ANNULUS	10028-C2-13-106	3/29/84		QCP 3 QCP 5A QCP C7	BECKORT	FO	RECORDS WELD	3/29/84 3/29/84	RMB RMB	3.0
S1074	CONTAINMENT	2	ANNULUS	10003-C2-13-005	3/29/84	3/30/84	QCP 3 QCP 5A QCP C7	BECKORT	FO	ACC-W/O-QA	3/29/84	RMB	3.0

ATTACHMENT 2

UNIT #1 PROJECT FINANCIAL STATUS (THROUGH 29 FEBRUARY 1984)*

A. STATUS (Dollars in thousands)

<u>Total Projected Project Cost</u>	<u>Funds Obligated To Date</u>	<u>Balance of Funds Due FY 1983</u>
<u>\$345.0K</u>	<u>\$345.0K</u>	<u>-0-</u>

B. ANALYSIS

	<u>Period</u>	<u>Cumulative</u>
Direct Laboratory Staff Effort (FTE)	<u>0</u>	<u>1.2</u>
Direct Salaries	<u>\$ 0</u>	<u>\$ 36.0</u>
Material and Services (Excluding ADP)	<u>\$ -</u>	<u>\$ -</u>
ADP Support	<u>\$ -</u>	<u>\$ -</u>
Subcontracts (EG&G, Inc.)	<u>\$ 4.4</u>	<u>\$ 87.1</u>
Travel Expenses	<u>\$.6</u>	<u>\$ 17.3</u>
Indirect Labor Costs	<u>\$ 0</u>	<u>\$ 34.8</u>
Other (TID)	<u>\$ 0</u>	<u>\$ 0.2</u>
General and Administrative	<u>\$ 0</u>	<u>\$ 26.8</u>
 TOTAL	 <u>\$ 5.0</u>	 <u>\$202.2</u>
 Liens		 <u>\$ 7.0</u>
 Total Including Liens		 <u>\$209.2</u>
 (Percent of Available Funding)		 <u>61%</u>

*NOTE: Figures may differ slightly from final billing.

ATTACHMENT 3

UNIT #2 PROJECT FINANCIAL STATUS (THROUGH 29 FEBRUARY 1984)*

A. STATUS (Dollars in thousands)

<u>Total Projected Project Cost</u>	<u>Funds Obligated To Date</u>	<u>Balance of Funds Due FY 1983</u>
<u>\$125.0K</u>	<u>\$125.0K</u>	<u>-0-</u>

B. ANALYSIS

	<u>Period</u>	<u>Cumulative</u>
Direct Laboratory Staff Effort (FTE)	<u>1.6</u>	<u>3.2</u>
Direct Salaries	<u>\$ 6.1</u>	<u>\$ 13.0</u>
Material and Services (Excluding ADP)	<u>\$ -</u>	<u>\$ -</u>
ADP Support	<u>\$ -</u>	<u>\$ -</u>
Subcontracts (EG&G, Inc.)	<u>\$12.1</u>	<u>\$ 12.1</u>
Travel Expenses	<u>\$ 2.2</u>	<u>\$ 3.8</u>
Indirect Labor Costs	<u>\$ 5.8</u>	<u>\$ 12.3</u>
Other (TID)	<u>\$ 0</u>	<u>\$ 0</u>
General and Administrative	<u>\$ 0</u>	<u>\$ 0</u>
TOTAL	<u>\$26.2</u>	<u>\$ 41.2</u>
Liens		<u>\$ 7.9</u>
Total Including Liens		<u>\$ 49.1</u>
(Percent of Available Funding)		<u>39%</u>

*NOTE: Figures may differ slightly from final billing.