



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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PDR ADOCK 05000275
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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

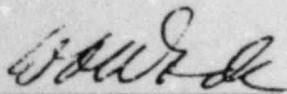
Wally Wade met with Phil Morrill in Walnut Creek on 3/27/84 to discuss several technical and administrative topics and again on 3/28/84 at LLNL with Garth Cummings and Jack Johnson to familiarize Phil with the laboratories' total NRC support effort and the resources of the Nuclear Systems Safety Program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

6. Concerns

None

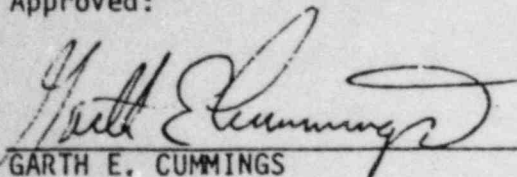
7. Plans

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

Mr. Phil Morrill
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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	UNIT 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 QCP 5A QCP 9 QCP E9	MORRISON MELLO	PG FO	RECORDS ACC-W/O-QA	3/02/84 3/13/84	RMB RMB	2.0 1.0
E1032	AUX BLDG	1 RACEWAY SUPPORT	16/6E/6W-140-4-210	11/16/83	3/13/84	QCP 3 QCP 5A QCP 9 QCP E9	CADWELL WHITE	PG FO	RECORDS NCR 8802-1120 ACC-W/O-QA	3/02/84 3/13/84 3/13/84 3/13/84	RMB RMB RMB RMB	3.0
E1066	CONTAINMENT	1 RACEWAY SUPPORT	37/6-140-1-31	12/14/83	3/02/84	QCP 3 QCP 5A QCP 9 QCP E9	MORRISON CAMPBELL	PG FO	RECORDS ACC-W/O-QA	3/02/84 3/02/84	RMB RMB	2.0
E1071	AUX BLDG	1 RACEWAY SUPPORT	30/CSR-127-3-346	1/04/84	3/13/84	QCP 3 QCP 5A QCP 9 QCP E9	MORRISON BRUNKE	PG FO	RECORDS ACC-W/O-QA	1/04/84 3/13/84	RMB	
E1072	AUX BLDG	1 RACEWAY SUPPORT	23/CSR-127-5-6	1/04/84	3/13/84	QCP 3 QCP 5A QCP 9 QCP E9	MORRISON BRUNKE	PG FO	RECORDS PHYSICAL NCR 8802-1120 ACC-W/O-QA	1/04/84 1/04/84 3/13/84 3/13/84 3/13/84	RMB RMB RMB RMB RMB	2.0
E1079	AUX BLDG	1 RACEWAY SUPPORT	48/J-185-1-38	1/05/84	3/13/84	QCP 3 QCP 5A QCP 9 QCP E9	MORRISON BRUNKE	PG FO	RECORDS NCR 8802-1120 ACC-W/O-QA	3/02/84 3/13/84 3/13/84 3/13/84	RMB RMB RMB RMB	4.0
M0017	PENETRAT BLDG	1 PIPE HANGER	56S-60R	7/06/83	3/21/84	ESD 223	TINKLE HOWELL	PG BE	PHYSICAL ACCEPTED	1/12/84 3/21/84	MWE MWE	16.0 5.0
M0047	N/A	1 PIPE HANGER	22-396SL	7/13/83	3/26/84	ESD 223	TINKLE HOWELL	PG BE	DR-5184 ACCEPTED	7/13/83 3/26/84	AGD RP	2.0 1.0
M0080	AUX BLDG	1 PIPE HANGER	58S-138R	7/18/83		ESD 223	TINKLE HOWELL GAUDIUSO	PG BE PG	PHYSICAL SNF-MM 1-83-516 NPPR-DC1 84-QC-288	1/12/84 3/30/84 3/30/84 3/30/84 3/30/84	MWE MWE MWE MWE MWE	16.0 5.0 5.0 5.0 5.0
M0217	CONTAINMENT	2 SPRAY HANGER	414-135R	8/20/83	3/08/84	ESD 223	THOMAS NEFF FURNIS MICHAELS	PG BE BE PG	PHYSICAL ACCEPTED	1/13/84 3/08/84	MWE MWE	14.0 5.0
M1038	CONTAINMENT	2 SPRAY HANGER	20-96R	2/22/84		ESD 223	BERNASCONI MICHAELS	PG PG	WELD AS-BUILT MVR M-4684	2/22/84 2/22/84 3/30/84	MWE	10.0
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 MICHAELS	PG PG	ACCEPTED	3/06/84	MWE	5.0
M1047	CONTAINMENT	2 SPRAY HANGER	20-10R	3/06/84	3/06/84	ESD 223	BERNASCONI MICHAELS	PG PG	ACCEPTED	3/06/84	MWE	5.0
M1048	CONTAINMENT	2 SPRAY HANGER	20-46R	3/06/84	3/06/84	ESD 223	BERNASCONI MICHAELS	PG PG	ACCEPTED	3/06/84	MWE	5.0
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 MVR M-4688 ACCEPTED	3/14/84 3/14/84 3/30/84	RMB RMB RMB	2.0 1.0
S1024	CONTAINMENT	2 ANNULUS	10033-C2-13-249	2/01/84	3/30/84	QCP 3 QCP 5A QCP C7 QCP 5	KOHLER MUNRO BECKORT AMARILLAS	BE BE FO FO	WELD WLD R QF NCR 5422-455 CITATION ACC-W/O-QA	2/01/84 2/02/84 2/02/84 2/10/84 3/30/84	MWE MWE MWE MWE MWE	14.0 5.0
S1025	CONTAINMENT	2 ANNULUS	10043-C2-13-420	2/07/84		QCP 3 QCP 5A QCP C7	KOHLER MUNRO BECKORT	BE BE FO	PHYSICAL NCR 5422-466	2/07/84 2/08/84 3/30/84	MWE MWE MWE	3.0 5.0
S1026	CONTAINMENT	2 ANNULUS	10074-C2-13-652	2/08/84		QCP 3 QCP 5A QCP C7	KOHLER MUNRO BECKORT	BE BE FO	PHYSICAL NCR 5422-462	2/08/84 2/09/84 3/30/84	MWE MWE MWE	3.0 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

Item ID	Quantity	Description	Material	Spec	Date	Rev	QCP	SA	MCCLASKEY	FO	PHYSICAL	2/10/84	RMB	4.0
S1028	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	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	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	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			NCR	2/10/84	RMB			
									5422-465	2/10/84				
									ACC-W/O-QA	3/13/84				
S1032	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	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			NCR	2/16/84	RMB			
									5422-466	2/16/84				
									ACC-W/O-QA	3/13/84				
S1034	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	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	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	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	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	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	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			NCR	3/08/84	MWE	35.0		
									8833XR-149	3/30/84				
S1041	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	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	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	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	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	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	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	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	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	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	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	BE 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 WALLER QCP 9 WOOD MUNRO	PU PU BE 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 WALLER QCP 9 WOOD MUNRO	BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE RECORDS PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE ACC-W/O-QA PU PU BE 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 WALLER QCP 5 WOOD MUNRO	BE RECORDS PU PU BE 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 RMB 3/29/84 MWE 3/29/84	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 RMB 3/29/84 3/29/84 MWE 3/29/84	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 RMB 3/29/84 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 RMB 3/29/84 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.