Pacific Gas and Electric Company
Semimonthly Report No. 24
Diablo Canyon Verification Program
October 22, 1982

SUMMARY

This is PGandE's twenty-fourth Semimonthly Status Report which summarizes the progress of our design verification program from October 5, 1982, through October 18, 1982.

The Teledyne Engineering Services (TES) Independent Design Verification Program (Independent Program or IDVP) has identified 225 items to date. Of the 225 items, 148 completion reports have been issued, 25 require action by PGandE, and 52 require action by the Independent Program.

PGandE has reviewed the Independent Program's twenty-third Progress Report and has no comments at this time.

PGandE's Internal Technical Program has identified to date a total of 33 items. During this reporting period, no new items were identified. To date, six of the 33 items have been closed by PGandE.

STATUS OF INDEPENDENT PROGRAM

This section provides the status of items identified in the Independent Program.

I. Status Of Independent Program Items

The items identified by the Independent Program are described in appropriate Independent Program progress reports. A list of the Independent Program items is given in Attachment I, together with a brief indication of the status of each item. A summary of Attachment I is given in Table 1. Although Phase II of the IDVP has not been approved, Stone and Webster Engineering Corporation (SWEC) has been performing Phase II work under the direction of TES. During this report period, SWEC has identified certain items related to Phase II. These items are listed in Attachment I with file numbers in the 8000 series. PG&E will report Phase II items as a separate list once Phase II is approved by NRC.

In addition, Attachment IA indicates the Project status, including the expected Project resolution date, for each of the items that have not been issued as a Completion Report.

TABLE 1: SUMMARY OF ATTACHMENT I

TYPE OF INDEPENDENT PROGRAM REPORTS	NUMBER REPORTED AS OF OCT. 4, 1982*	NUMBER REPORTED AS OF OCT. 18, 1982*
Open Item Reports	3	21
Potential Program Resolution Reports		
Closed Item	1	2
Deviation	0	1
Open Item with future action by PGandE	12	14
Subtotal	13	17
Program Resolution Reports		
Closed Item	0	0
Deviation	1	1
Open Item with future action by PGandE	8	7
Subtotal	9	8
Potential Error Reports		
Class A Error	1	0
Class A or B Error	5	10
Class B Error	0	0
Class C Error	2	1
Class D Error	0	0
Subtotal	8	11
Error Reports		
Class A Error	3	3
Class A or B Error	5	7
Class B Error	1	0
Class C Error	10	10
Class D Error	0	0
Subtotal	19	20
Completion Reports	147	148
TOTAL NUMBER OF REPORTS	199	225

* Since the Independent Program's reporting period differs from PGandE's, these numbers may differ from those reported in the Independent Program's progress reports.

II. Independent Program Requests For Information

Fifteen of 493 Requests For Information by the Independent Program remain outstanding as of this report (Attachment II). Certain of the items listed in Attachment II relate to Phase II of the verification effort.

III. PGandE's Review of Independent Program's Twenty-third Progress Report

PGandE has reviewed the Independent Program's twenty-third Progress Report and has no comments at this time.

STATUS OF INTERNAL TECHNICAL PROGRAM

This section describes the status of work in PGandE's Internal Technical Program being performed in addition to the Independent Program.

I. Annulus Review

This subsection provides a description of PGandE's progress in resolving concerns identified during review of the annulus design. Issues which were described in this section in previous reports but which are not now listed here, such as mechanical, piping, and conduit supports, are now complete.

Civil Engineering

Structures

The confirmatory analysis of the steel annulus structure is continuing. This analysis accounts for loadings from as-built mechanical equipment and piping. All members and their connections will be evaluated for Hosgri, DDE, and DE loads. The examination of the structure for Hosgri loads is complete, including the design of modifications. Confirmatory analyses of this structure for DE and DDE are in progress. The status of structural review for other structures is discussed below.

II. Corrective Action Program

Status reporting for each particular piping issue, identified as an Open Item by the Internal Technical Program and listed in Attachment III, has been discontinued. The status of piping review is now given on Table 2.

III. Open Items Status

To date, a total of 33 open items have been identified by PGandE (Attachment III). No new open item was identified during this period. To date, six open items generated by the Internal Technical Program have been closed by PGandE.

TABLE 2: STATUS OF PIPING REVIEW

	Percent Complete
Large Bore Piping	
Field as-built check	99
Drawing incorporation of field check results	87
Establish procedures and criteria	100
Qualification or reanalysis of seismic and thermal problems	85
Modifications - 8	
Large Bore Pipe Supports	
Procedures and criteria	100
Qualification or redesign of pipe supports	15
Modifications - 19	
Small Bore Piping	
Procedures and criteria	100
Initial sample selections	100
Computer analyses review	29
Span criteria sample review	12
Other review activities	3
Modifications - 0	
Small Bore Pipe Supports	
Procedures and criteria	100
Initial sample selections	100
Span criteria sample review	8
Standard support details review	40
Seismic and thermal anchor movement review	0

TABLE 2 (Continued)

	Percent Complete
Code boundaries review	6
Local pipe stress from lugs review	80
Modifications - 14	

John B. Hoch
Diablo Canyon Project Manager

ATTACHMENT I

STATUS OF IDVP ITEMS

LEGEND

* Asterisk denotes revision or addition since last report.

1. FILE NO: The file number assigned to each item by the IDVP.

2. SUBJECT: Self-explanatory. Detailed description of the concern identified for each item is available in Revision 0 of the Open Item Report associated with the same file number.

3. REV. 0 DATE: Date issue initially identified by Open Item Report, Revision 0.

4. LATEST REV. NO: Latest revision number received by PGandE.

5. LATEST REV. DATE: Date latest revision received by PGandE.

6. STATUS: Status is indicated by the type of classification of latest report received by PGandE:

OIR	-	Open Item Report
PPRR	-	Potential Program Resolution Report
PRR	-	Program Resolution Report
PER	-	Potential Error Report
ER	-	Error Report
CR	-	Completion Report
CI	-	Closed Item
DEV	-	Deviation
OIP	-	Open Item with future action by PGandE
A	-	Class A Error
B	-	Class B Error
C	-	Class C Error
D	-	Class D Error

Details of current actions related to each item are described in the latest revision of the referenced report with the same file number.

7. ACTION REQ'D BY: Indicates whether action on an item is needed by either IDVP or PGandE. Closed means IDVP Completion Report has been received.

8. PHY MODS: Physical modifications required to resolve the issue. Blank entry indicates that modification has not been determined.

9. PGandE TASK NO: PGandE task number assigned for tracking. Task numbers are not necessarily sequential.

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
910	RACEWAY SUPPORTS INSTALLATION VARIANCE	01-05-82	7	07-23-82	CR	CLOSED	NO	70000
920	AUX BLDG FLOOR RESPONSE SPECTRA DIFFERENCES	01-06-82	6	07-22-82	CR	CLOSED	NO	70001
930	RACEWAY CRITERIA	01-05-82	6	07-23-82	CR	CLOSED	NO	70002
931	VALVE 9001A	01-06-82	3	05-24-82	CR	CLOSED	NO	70003
932	SUPPORT 58S-23R DIRECTION	01-06-82	6	05-10-82	CR	CLOSED	YES	70004
933	LINE 110 DIMENSION	01-20-82	3	05-24-82	CR	CLOSED	NO	70005
934	SUPPORT 72-11R DIRECTION	01-20-82	3	05-24-82	CR	CLOSED	NO	70006
935	LINE 931 CONNECTION TO LINE 1971	01-20-82	2	04-09-82	CR	CLOSED	NO	70007
936	LINE 1971 DIMENSION	01-20-82	4	05-24-82	CR	CLOSED	NO	70008
937	LINE 44 FLANGE	01-20-82	3	07-08-82	CR	CLOSED	NO	70009
938*	VALVE ORIENTATION (includes File 1105)	01-20-82	3	06-19-82	PRR/OIP	PG&E	NO	70010
939	SUPPORT 73-72R DIRECTION	01-20-82	3	07-08-82	CR	CLOSED	NO	70011
940	LINE 103 DIMENSION	01-20-82	3	07-08-82	CR	CLOSED	NO	70012

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NO.	ITEM								
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STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
941	SUPPORT 18-4R DIRECTION	01-20-82	3	05-24-82	CR	CLOSED	NO	70013
942	SUPPORT 18-7R LOCATION	01-20-82	3	05-24-82	CR	CLOSED	NO	70014
943	SUPPORT 5006V LOCATION	01-20-82	3	05-24-82	CR	CLOSED	NO	70015
944	SUPPORT 5003V LOCATION	01-20-82	3	05-24-82	CR	CLOSED	NO	70016
945	SUPPORT 55S-20R DIRECTION & LOCATION	01-20-82	3	05-24-82	CR	CLOSED	NO	70017
946	LINE 1980 DIMENSION	01-20-82	3	05-24-82	CR	CLOSED	NO	70018
947	VALVE 8821A ORIENTATION	01-20-82	3	05-24-82	CR	CLOSED	NO	70019
948	SUPPORT 13-23SL DIRECTION	01-20-82	3	05-24-82	CR	CLOSED	NO	70020
949	MAIN ANNUNCIATOR CABINET RIGIDITY & FREQUENCY	01-20-82	2	09-03-82	OIR	IDVP	YES	70021
950	VALVE FCV 95 PLATE THICKNESS	01-28-82	7	07-01-82	CR	CLOSED	YES	70022
951	LINE 593 DIMENSION	01-29-82	3	05-24-82	CR	CLOSED	NO	70023
952	LINE 593 DIMENSION	01-29-82	3	05-24-82	CR	CLOSED	NO	70024
953	SUPPORT 58S-69R DIRECTION	01-29-82	3	07-08-82	CR	CLOSED	NO	70025
954	LINE 574 DIMENSION	01-29-82	3	07-08-82	CR	CLOSED	NO	70026
955	SUPPORT 55S-57R IDENTIFICATION	01-29-82	2	04-09-82	CR	CLOSED	NO	70027

STATUS OF IDVP ITEMS

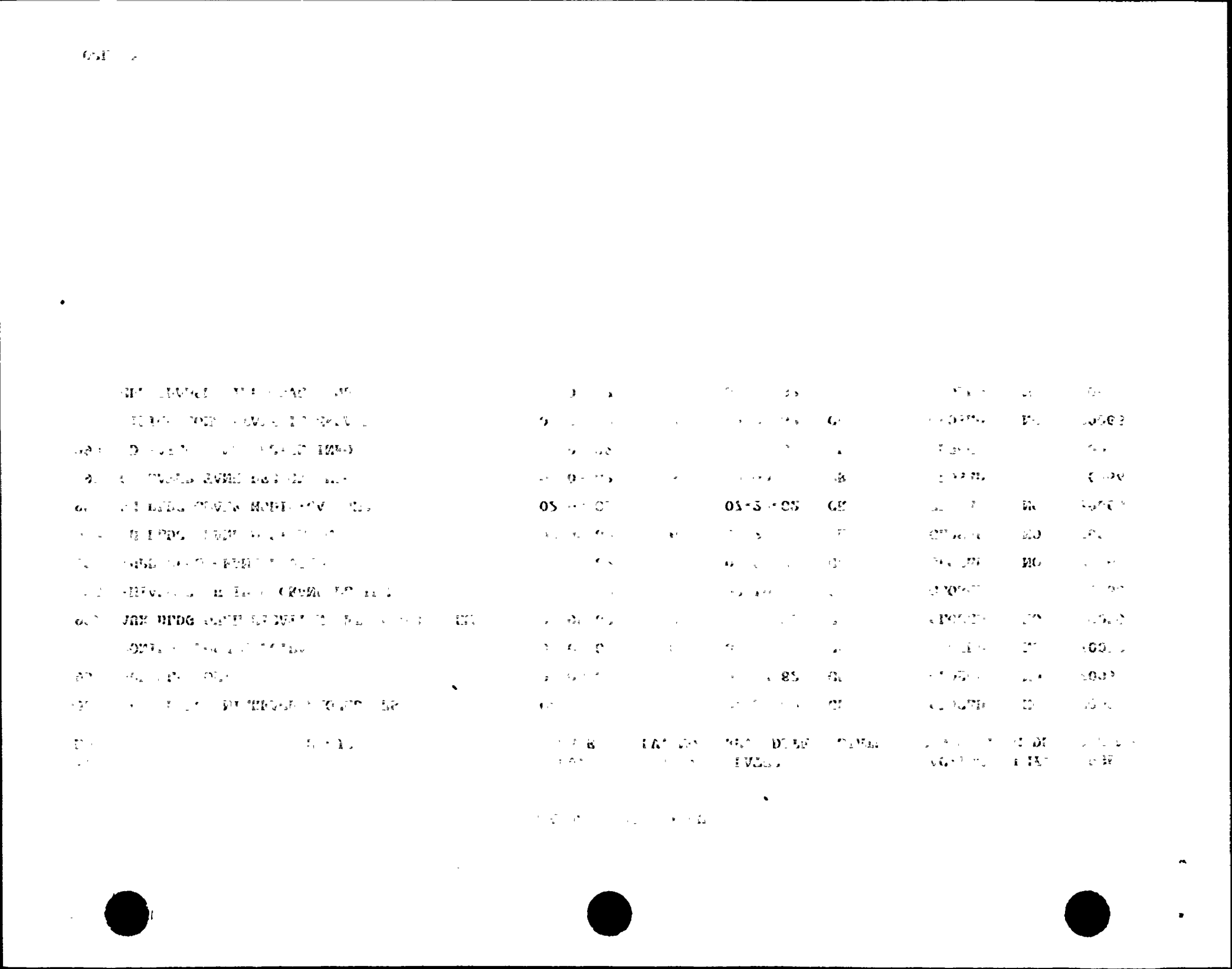
FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
956	LINE 574 DIMENSION	01-29-82	3	05-24-82	CR	CLOSED	NO	70028
957	LINES 577 & 578 INSULATION	01-29-82	6	07-23-82	CR	CLOSED	YES	70029
958	SUPPORT 58S-55V LOCATION	01-29-82	5	07-08-82	CR	CLOSED	NO	70030
959	SUPPORT 11-49SL LOCATION	01-29-82	3	06-28-82	CR	CLOSED	NO	70031
960	LINE 19 DIMENSION	01-29-82	3	05-24-82	CR	CLOSED	NO	70032
961	SUPPORT 11-59SL DIRECTION	01-29-82	6	09-21-82	CR	CLOSED	NO	70033
962	SUPPORT 48-44R DIRECTION	01-29-82	3	06-21-82	CR	CLOSED	NO	70034
963*	SUPPORT 58S-32R DIRECTION	01-29-82	6	10-13-82	OIR	IDVP	YES	70035
964*	LINE 2519 SUPPORT IDENTIFICATION	01-29-82	3	05-10-82	ER/C	PG&E	YES	70036
965	SUPPORT 55S LOCATION	01-29-82	4	06-19-82	CR	CLOSED	NO	70037
966	SUPPORT 14-33SL LOCATION	01-29-82	3	05-24-82	CR	CLOSED	NO	70038
967	INTAKE STRUCTURE ACCELERATIONS	01-30-82	6	09-10-82	CR	CLOSED		70039
968	HARDING LAWSON ASSOCIATES QA FINDING	01-30-82	2	05-24-82	CR	CLOSED	NO	70040
969	HARDING LAWSON ASSOCIATES QA FINDING	01-30-82	2	05-24-82	CR	CLOSED	NO	70041

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
970	HARDING LAWSON ASSOCIATES QA FINDING	01-30-82	2	05-24-82	CR	CLOSED	NO	70042
971	EDS NUCLEAR QA OBSERVATION	01-30-82	2	04-09-82	CR	CLOSED	NO	70043
972	EDS NUCLEAR QA OBSERVATION	01-30-82	2	04-09-82	CR	CLOSED	NO	70044
973	EDS NUCLEAR QA OBSERVATION	01-30-82	2	04-09-82	CR	CLOSED	NO	70045
974	EDS NUCLEAR QA OBSERVATION	01-30-82	2	04-09-82	CR	CLOSED	NO	70046
975	EDS NUCLEAR QA OBSERVATION	01-30-82	2	04-09-82	CR	CLOSED	NO	70047
976	EXTERIOR CONTAINMENT SPECTRA SUPERSEDED	02-05-82	2	04-17-82	CR	CLOSED	NO	70048
977	ANNULUS AREA REEVALUATION	02-05-82	6	09-10-82	CR	CLOSED		70049
978	REGENERATIVE HEAT EXCHANGER SPECTRA	02-05-82	3	06-21-82	CR	CLOSED	NO	70050
979	OTHER EQUIPMENT IN CONTAINMENT NOT REVIEWED	02-05-82	2	04-17-82	CR	CLOSED	NO	70051
980	ASWP COMPARTMENTS QUALIFICATION DOCUMENTATION	02-05-82	2	04-17-82	CR	CLOSED	NO	70052
981	BURIED PIPELINE IS TO AB QUALIFICATION	02-05-82	3	05-11-82	CR	CLOSED	NO	70053
982	TURB BLDG'BLUME TRANSMITTALS	02-05-82	6	07-23-82	CR	CLOSED	NO	70054
983	RACEWAY SUPPORT REEVALUATION (includes files 910 and 930)	02-05-82	2	09-10-82	ER/A	PG&E		70055

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
984	TURB BLDG INTERFACE PROCEDURES	02-05-82	6	07-23-82	CR	CLOSED	NO	70056
985	AUX BLDG WEIGHTS	02-05-82	2	04-17-82	CR	CLOSED	NO	70057
986	CONTROL ROOM SPECTRA	02-05-82	6	07-22-82	CR	CLOSED	NO	70058
987	AUX BLDG QUALIFICATION DETAILED REVIEW	02-05-82	2	04-17-82	CR	CLOSED	NO	70059
988	INTAKE STRUCTURE CRANE REVIEW	02-05-82	6	09-10-82	CR	CLOSED		70060
989	TURB BLDG CRANE REVIEW	02-05-82	6	07-23-82	CR	CLOSED	NO	70061
990	FH BLDG CRANE DESIGN INFO	02-05-82	6	07-23-82	CR	CLOSED	NO	70062
991	FH BLDG CRANE MODIFICATIONS	02-05-82	6	07-23-82	CR	CLOSED	NO	70063
992	OD WATER TANK DESIGN INFO	02-05-82	6	09-09-82	CR	CLOSED		70064
993	OD WATER TANK DESIGN INFO	02-05-82	5	09-09-82	PRR/OIP	PG&E		70065
994	PIPING CONSULTANT INTERFACE	02-06-82	2	04-09-82	CR	CLOSED	NO	70066
995	EES TRANSMITTAL COVER SHEETS	02-06-82	2	04-09-82	CR	CLOSED	NO	70067



STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
996	BLUME PIPING CORRESPONDENCE	02-06-82	3	05-10-82	CR	CLOSED	NO	70068
997	VALVES TRANSMITTALS TO EES	02-06-82	2	04-09-82	CR	CLOSED	NO	70069
998	VALVES TRANSMITTALS TO EDS	02-06-82	2	04-09-82	CR	CLOSED	NO	70070
999	VALVES TRANSMITTALS TO EDS	02-06-82	2	04-09-82	CR	CLOSED	NO	70071
1000	VALVES TRANSMITTALS TO WESTINGHOUSE	02-05-82	2	04-17-82	CR	CLOSED	NO	70072
1001	VALVES VERIFICATION OF ACCELERATIONS	02-05-82	2	04-17-82	CR	CLOSED	NO	70073
1002	SUPPLY FANS S67, 68 & 69 INPUT	02-05-82	5	06-23-82	CR	CLOSED	NO	70074
1003*	4 KV SW RM HVAC DUCT SUPPORT (includes File 1077)	02-05-82	5	10-05-82	ER/AB	PG&E	NO	70075
1004	WESTINGHOUSE CONTAINMENT ELEC EQUIP	02-05-82	6	06-22-82	CR	CLOSED	NO	70076
1005	WYLE LABS TRANSMITTALS OF SPECTRA	02-05-82	2	04-17-82	CR	CLOSED	NO	70077
1006	ELEC EQUIP QUALIFIED BY ANALYSIS	02-05-82	2	04-21-82	CR	CLOSED	NO	70078
1007	ELEC EQUIP TRANSMITTAL OF INFO	02-05-82	2	04-21-82	CR	CLOSED	NO	70079
1008	MAIN ANNUNCIATOR CABINET SPECTRA	02-09-82	2	06-08-82	ER/C	IDVP	NO	70080

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
1009	CONTAINMENT INTERIOR ABOVE 140 SPECTRA	02-09-82	6	09-10-82	CR	CLOSED		70081
1010	TURB BLDG ABOVE 140 SPECTRA	02-09-82	6	07-23-82	CR	CLOSED	NO	70082
1011	DG OIL PRIMING TANK SPECTRA	02-09-82	3	07-09-82	CR	CLOSED	NO	70083
1012	DG OIL PRIMING TANK 15% DIFFERENCE	02-09-82	1	04-21-82	CR	CLOSED	NO	70084
1013	WYLE LAB SPECTRA	02-09-82	7	07-23-82	CR	CLOSED	NO	70085
1014	CONTAINMENT SEISMIC REVIEW (includes files 977 and 1009)	02-09-82	7	09-10-82	ER/AB	PG&E		70086
1015	DG OIL PRIMING TANK DAMPING	02-11-82	2	04-17-82	CR	CLOSED	NO	70087
1016	ANCHOR ALLOWABLES	02-11-82	2	06-21-82	PRR/OIP	IDVP	NO	70088
1017	DG OIL PRIMING TANK SG WEIGHT	02-11-82	3	07-09-82	CR	CLOSED	NO	70089
1018	SUPPLY FAN S-31 SUPPORT	02-18-82	3	07-13-82	CR	CLOSED	NO	70110
1019	CVCS SYSTEM SEPARATOR/STABILIZER DOCUMENTATION	02-18-82	2	04-09-82	CR	CLOSED	NO	70090

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STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
1020	AUX SALTWATER PUMP PRELIM SPECTRA	02-18-82	3	06-29-82	CR	CLOSED	NO	70091
1021	CCWHX ANALYSIS AS RIGID ANCHOR	02-18-82	6	09-21-82	CR	CLOSED	NO	70092
1022	INTAKE STRUCTURE SEISMIC REVIEW (includes files 967 and 988)	02-18-82	5	09-10-82	ER/AB	PG&E		70093
1023	3" VELAN VALVE DOCUMENTATION	02-19-82	6	07-17-82	CR	CLOSED	NO	70094
1024	PIPE SUPPORT NOMENCLATURE	02-20-82	3	06-07-82	CR	CLOSED	NO	70095
1025	VERTICAL SPECTRA FOR TURB BLDG ELEV 104'	02-20-82	6	07-23-82	CR	CLOSED	NO	70096
1026	TURBINE BUILDING SEISMIC REVIEW (includes files 982, 984, 989, 1010, and 1025)	02-20-82	5	07-23-82	ER/AB	PG&E		70097
1027	FUEL HANDLING CRANE SUPPORT	02-23-82	6	07-23-82	CR	CLOSED	NO	70111
1028	AUX BLDG HORIZONTAL ACCELERATION	02-23-82	5	07-13-82	PRR/OIP	IDVP	NO	70112
1029	AUX BLDG MODEL DISCREPANCIES	02-25-82	3	07-22-82	CR	CLOSED	NO	70113
1030	BORIC ACID TANK ANALYSES	02-25-82	3	07-09-82	CR	CLOSED	NO	70114
1031	VALVES FCV-37 AND LCV-115 DOCUMENTATION	03-02-82	7	07-17-82	CR	CLOSED	NO	70115
1032	PIPE SUPPORT 73/70R DIRECTION	03-02-82	5	07-07-82	CR	CLOSED	NO	70116

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
1033	EES (CYGNA) QA OBSERVATIONS	03-02-82	2	04-09-82	CR	CLOSED	NO	70117
1034	EES (CYGNA) QA OBSERVATIONS	03-02-82	2	04-09-82	CR	CLOSED	NO	70118
1035	EES (CYGNA) QA OBSERVATIONS	03-02-82	2	04-09-82	CR	CLOSED	NO	70119
1036	EES (CYGNA) QA OBSERVATIONS	03-02-82	2	04-09-82	CR	CLOSED	NO	70120
1037	EES (CYGNA) QA OBSERVATIONS	03-02-82	2	04-09-82	CR	CLOSED	NO	70121
1038	EES (CYGNA) QA OBSERVATIONS	03-02-82	2	04-09-82	CR	CLOSED	NO	70122
1039	EES (CYGNA) QA OBSERVATIONS	03-02-82	2	04-09-82	CR	CLOSED	NO	70123
1040	EES (CYGNA) QA FINDINGS	03-02-82	2	05-24-82	CR	CLOSED	NO	70124
1041	EES (CYGNA) QA FINDINGS	03-02-82	2	05-24-82	CR	CLOSED	NO	70125
1042	ANCO QA FINDINGS	03-02-82	2	05-24-82	CR	CLOSED	NO	70126
1043	PIPE SUPPORTS 512/7R & 512/6R LOCATION	03-08-82	6	07-28-82	CR	CLOSED	NO	70129
1044	SMALL BORE LINES LOCATION	03-08-82	6	08-11-82	CR	CLOSED	NO	70130
1045	SUPPORT 99/9R DIRECTION	03-08-82	6	07-28-82	CR	CLOSED	NO	70131
1046	SUPPORTS 99/7R & 99/9R DIMENSION	03-08-82	6	07-28-82	CR	CLOSED	NO	70132
1047*	SMALL BORE LINES LOCATION	03-08-82	6	10-06-82	CR	CLOSED	NO	70133
1048	SUPPORT 99/101R LOCATION	03-08-82	3	06-10-82	CR	CLOSED	NO	70134

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
1049	MAIN ANNUNCIATOR TYPEWRITER SPECTRA	03-08-82	9	07-23-82	CR	CLOSED	NO	70135
1050	LINE 279-8 INSULATION	03-08-82	3	07-08-82	CR	CLOSED	NO	70136
1051	INSULATION SPEC FOR LINES 264-8 & 2519-8	03-08-82	3	06-07-82	CR	CLOSED	NO	70137
1052	WYLE LABORATORIES QA FINDINGS	03-09-82	2	05-24-82	CR	CLOSED	NO	70138
1053	DIESEL GEN STARTING AIR RECEIVER TANK DAMPING	03-09-82	3	07-09-82	CR	CLOSED	NO	70139
1054	DIESEL GEN STARTING AIR RECEIVER TANK ANALYSIS	03-09-82	4	06-22-82	CR	CLOSED	NO	70140
1055	CONTAINMENT ANNULUS SPECTRA	03-10-82	3	05-24-82	CR	CLOSED	NO	70149
1056	NO SIGNATURES ON SEVERAL PG&E CALCULATIONS	03-10-82	3	05-24-82	CR	CLOSED	NO	70150
1057	ANALYSIS 106 DIFFER FROM THE PG&E ANALYSIS	03-15-82	2	04-17-82	CR	CLOSED	NO	70151
1058	SMALL BORE PIPING LUG DESIGN	03-15-82	6	09-21-82	CR	CLOSED	NO	70152
1059	SMALL BORE PIPE REPORT OVERSTRESS	03-15-82	6	09-21-82	CR	CLOSED	NO	70153
1060	PIPES AND ADPIPE CODES	03-15-82	4	09-21-82	CR	CLOSED	NO	70154
1061	HVAC FAN S31 FABRICATION DRAWING	03-15-82	3	05-11-82	CR	CLOSED	NO	70155
1062	RLCA PIPING ANALYSIS 100-STRESS DIFFERENCE	03-15-82	3	08-05-82	ER/C	PG&E		70156
1063	RLCA PIPING ANALYSIS 107-STRESS DIFFERENCE	03-15-82	2	07-22-82	ER/C	PG&E		70157

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
1064	PG&E, QA FINDINGS	03-15-82	1	05-24-82	CR	CLOSED	NO	70158
1065	PG&E, QA FINDINGS	03-15-82	1	05-24-82	CR	CLOSED	NO	70159
1066	PG&E, QA FINDINGS	03-15-82	1	05-24-82	CR	CLOSED	NO	70160
1067	URS/BLUME QA FINDINGS	03-15-82	1	05-24-82	CR	CLOSED	NO	70162
1068	URS/BLUME QA FINDINGS	03-15-82	1	05-24-82	CR	CLOSED	NO	70163
1069	VALVES LCV 113 AND LCV 115 UNSUPPORTED	03-15-82	5	06-30-82	ER/A	PG&E	YES	70164
1070	HORIZONTAL SOIL SPRING CALC DIFFER BY 50%	03-15-82	3	07-22-82	CR	CLOSED	NO	70165
1071	RLCA PIPING ANALYSIS 109-OVERSTRESS	03-23-82	4	09-09-82	CR	CLOSED	NO	70166
1072	TURBINE-DRIVEN AUX FEEDWATER PUMP	03-23-82	3	09-10-82	CR	CLOSED	NO	70167
1073	AUX SALTWATER PUMP BOLT STRESSES	03-23-82	3	07-08-82	CR	CLOSED	NO	70168
1074*	RLCA PIPING ANALYSIS 101-STRESS DIFFERENCE	03-23-82	2	08-05-82	ER/C	PG&E	YES	70169
1075	SUPPORTS 5007-R & 18-5R DIRECTION	03-31-82	3	06-19-82	CR	CLOSED	NO	70170

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
1076	SUPPORT 55S-3R DIRECTION	03-30-82	3	05-24-82	CR	CLOSED	NO	70171
1077*	HVAC DUCT SUPPORT	04-06-82	6	10-06-82	PPRR/CI	IDVP	NO	70173
1078	VENTILATION SYSTEM LOGIC PANEL POV1, POV2	04-19-82	3	07-13-82	CR	CLOSED	NO	70177
1079	AUX BLDG - FUEL HANDLING STRUCTURE	04-19-82	6	07-23-82	CR	CLOSED	NO	70178
1080	RLCA PIPING ANALYSIS 103 - STRESS DIFFERENCE	04-22-82	2	09-03-82	ER/C	PG&E		70179
1081	RLCA PIPING ANALYSIS 104 - STRESS DIFFERENCE	04-22-82	2	08-31-82	ER/C	PG&E		70180
1082	VALVE FCV-95 ANALYSIS	04-22-82	3	07-01-82	CR	CLOSED	NO	70181
1083	HVAC VOLUME DAMPER 7A	04-22-82	5	09-10-82	CR	CLOSED	NO	70182
1084	RLCA PIPING ANALYSIS 102	05-14-82	3	09-10-82	ER/C	PG&E	YES	70187
1085	RLCA PIPING ANALYSIS 105	05-14-82	3	08-31-82	ER/C	PG&E	YES	70188
1086	RLCA PIPING ANALYSIS 108	05-14-82	2	09-10-82	ER/C	PG&E		70189
1087	HOT SHUTDOWN REMOTE CONTROL PANEL	05-14-82	4	06-23-82	CR	CLOSED	NO	70190
1088	COMPONENT CLG WATER HEAT EXCHANGER	05-14-82	2	08-17-82	OIR	IDVP	NO	70191
1089	PIPE SUPPORT 3/30A	05-21-82	3	06-19-82	CR	CLOSED	NO	70199

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STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
1090	PIPE SUPPORT 11/92SL	05-21-82	3	06-19-82	CR	CLOSED	NO	70200
1091	AUX BLDG - FUEL HANDLING BUILDING	05-21-82	6	08-10-82	CR	CLOSED	NO	70201
1092	FUEL HANDLING BUILDING REEVALUATION (includes files 990, 991, 1027, 1079, and 1091)	06-11-82	6	08-10-82	ER/A	PG&E		70204
1093	AUX BLDG - FAN RM AND VENTILATION RM	06-18-82	6	07-22-82	CR	CLOSED	NO	70205
1094*	INTAKE STRUCTURE SOILS REVIEW	07-07-82	5	10-11-82	PPRR/DEV	IDVP	NO	70206
1095	AUX BLDG - FLOOR RESPONSE SPECTRA	07-09-82	0	07-09-82	OIR	IDVP		70207
1096*	SUPPLY FAN S-31	07-09-82	2	10-06-82	OIR	IDVP		70208
1097	AUXILIARY BUILDING SEISMIC REEVALUATION (includes files 920, 986, 1029, 1070, and 1093)	07-13-82	4	07-22-82	ER/AB	PG&E		70209
1098	PIPING SEISMIC REEVALUATION (includes files 961, 1021, 1058, 1059, 1060, and 1104)	07-14-82	5	09-22-82	ER/AB	PG&E		70210
1099	CCW HX FIELD INSPECTION DEFICIENCY	08-04-82	2	08-20-82	PRR/OIP	PG&E		70211
1100	HLA SOILS REVIEW - OD WATER STORAGE TANKS	08-16-82	2	09-10-82	PRR/DEV	PG&E		70215
1101	HLA SOILS REVIEW - OD WATER STORAGE TANKS	08-16-82	2	09-10-82	PRR/OIP	PG&E		70216
1102*	HVAC DAMPER 7A	08-19-82	3	10-11-82	PER/C	IDVP		70217
1103*	PIPE SUPPORTS ATTACHED TO AUXILIARY STEEL	08-31-82	2	10-05-82	PRR/OIP	PG&E		70218
1104	RLCA PIPING ANALYSIS 110 LINES 4260 AND 3078	09-03-82	3	09-22-82	CR	CLOSED	NO	70219
1105*	RLCA PIPING ANALYSIS 103 VALVES 8724A, 8726A, and 8728A	10-13-82	1	10-13-82	PPRR/CI	IDVP		70242

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
3000	HARDING LAWSON ASSOCIATES QA REPORT	05-24-82	2	06-22-82	CR	CLOSED	NO	70192
3001	EES (CYGNA) QA REPORT	05-24-82	2	06-22-82	CR	CLOSED	NO	70193
3002	ANCO QA REPORT	05-24-82	2	06-22-82	CR	CLOSED	NO	70194
3003	WYLE LABORATORIES QA REPORT	05-24-82	2	06-22-82	CR	CLOSED	NO	70195
3004	PG&E QA REPORT	05-24-82	2	06-22-82	CR	CLOSED	NO	70196
3005	URS/BLUME QA REPORT	05-24-82	2	06-22-82	CR	CLOSED	NO	70197
3006*	CONTAINMENT ANNULUS STRUCTURE	10-05-82	0	10-05-82	OIR	IDVP		70236
3007*	CONTAINMENT ANNULUS STRUCTURE	10-05-82	0	10-05-82	OIR	IDVP		70237

STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
8001*	NSC ENVIRONMENTS - COMPUTER CODE	09-09-82	2	10-04-82	ER/AB	PG&E		70220
8002*	NSC MASS-ENERGY RELEASE CALCULATION	09-09-82	1	10-01-82	PER/AB	IDVP	NO	70221
8003*	NSC VALUE OF BLOWDOWN ENTHALPY	09-09-82	1	10-01-82	PER/AB	IDVP	NO	70222
8004*	NSC INITIAL TEMPERATURES	09-09-82	1	10-01-82	PER/AB	IDVP	NO	70223
8005*	ASSUMPTIONS FOR SUBMERGENCE ANALYSIS	09-09-82	1	10-01-82	PPRR/OIP	IDVP	NO	70224
8006*	NSC PRESSURES AND TEMPERATURES	09-09-82	1	10-01-82	PPRR/OIP	IDVP	NO	70225
8007	PIPE RESTRAINT 1030 - 14RT	09-13-82	1	10-01-82	PPRR/OIP	IDVP		70226
8008	PIPE RESTRAINT 1031-11RT	09-13-82	1	10-01-82	PPRR/OIP	IDVP		70227
8009	AFWS DISCHARGE PIPING PRESSURE	09-13-82	1	10-01-82	PPRR/OIP	IDVP		70228
8010	AFW TURBINE THROTTLE VALVE	09-13-82	2	10-01-82	PPRR/OIP	IDVP		70229
8011	AFW AND CRVP SYSTEMS CABLE	09-23-82	1	10-01-82	PPRR/OIP	IDVP		70230
8012	CLASS 1 PORTIONS OF THE CRVP SYSTEMS	09-23-82	1	10-01-82	PPRR/OIP	IDVP		70231
8013	EMERGENCY DIESEL GEN NOS. 11,12 AND 13	09-23-82	1	10-01-82	PPRR/OIP	IDVP		70232
8014*	AFW SYSTEM VV. LCV 108,109,113,115,FCV 436, 437	09-23-82	1	10-01-82	PER/AB	IDVP	NO	70233
8015	AFW SYSTEM FLOW CAPACITY	09-27-82	1	10-01-82	PPRR/OIP	IDVP		70234
8016	POWER SUPPLIES TO CRVP EQUIPMENT	90-27-82	1	10-01-82	PPRR/OIP	IDVP		70235

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STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
8017*	HVAC CONTROL POWER SEPARATION	10-04-82	0	10-04-82	OIR	IDVP		70238
8018*	CLASS 1 QUALIFICATION OF FCV 37 AND FCV 38	10-04-82	0	10-04-82	OIR	IDVP		70239
8019*	EQUIP FOR AFW PUMPS IN SAME FIRE ZONE 3-Q-2	10-05-82	1	10-14-82	PPRR/OIP	IDVP		70240
8020*	HVAC EQUIP FIRE REVIEW AND AS-BUILT DIFFERENCES	10-04-82	1	10-14-82	PPRR/OIP	IDVP		70241
8021*	AFWS POWER/CONTROL CKT ROUTING AS-BUILT DIFFERENCES	10-13-82	0	10-13-82	OIR	IDVP		70243
8022*	KA SIZING OF 4KV CKT BREAKERS	10-12-82	1	10-14-82	PER/AB	IDVP		70244
8023*	480V STEADY STATE UNDER VOLTAGE FOR LOCA	10-12-82	1	10-14-82	PER/AB	IDVP		70245
8024*	480V TRANSIENT UNDER VOLTAGE FOR NORM OPER	10-12-82	1	10-14-82	PER/AB	IDVP		70246
8025*	4KV AND 480V TRANSIENT UNDER VOLTAGE AFTER LOCA	10-12-82	1	10-14-82	PER/AB	IDVP		70247
8026*	480V STEADY STATE UNDER VOLTAGE FOR FULL LOAD	10-12-82	1	10-14-82	PER/AB	IDVP		70248
8027*	AFW TURBINE STEAM SUPPLY AS-BUILT DIFFERENCES	10-13-82	1	10-14-82	PPRR/OIP	IDVP		70249

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STATUS OF IDVP ITEMS

FILE NO.	SUBJECT	REV. 0 DATE	LATEST REV. NO.	LATEST REV. DATE	STATUS	ACTION REQ'D BY	PHY. MODS	PG&E TASK NO.
8028*	HELB EFFECTS ON AFW PUMP MOTORS	10-14-82	0	10-14-82	OIR	IDVP		70250
8029*	HELB EFFECTS ON AFWS PT-434	10-14-82	0	10-14-82	OIR	IDVP		70251
8030*	HELB EFFECTS ON AFWS PT-433	10-14-82	0	10-14-82	OIR	IDVP		70252
8031*	HELB EFFECTS ON AFWS LCV113 AND LCV115	10-14-82	0	10-14-82	OIR	IDVP		70253
8032*	LOSS OF HSP CNTL OF LCV 110,111,113,115 DUE TO FIRE	10-13-82	1	10-13-82	PER/AB	IDVP		70254
8033*	HELB SG BLOWDOWN MODEL	10-14-82	0	10-14-82	OIR	IDVP		70255
8034*	HELB PT ANAL FOR AREA GE	10-14-82	0	10-14-82	OIR	IDVP		70256
8035*	SMOKE DETECTORS IN CRVP INTAKE DUCTS	10-14-82	0	10-14-82	OIR	IDVP		70257
8036*	H2 LINES IN AFWS FIRE ZONES 3-Q-1&2	10-14-82	0	10-14-82	OIR	IDVP		70258
8037*	GAP IN AFWS FIRE BARRIER DAMPER FD-24	10-14-82	0	10-14-82	OIR	IDVP		70259
8038*	FIRE ZONE 3-Q-2 COMMUNICATION WITH FIRE ZONE 3-R	10-14-82	0	10-14-82	OIR	IDVP		70260
8039*	FIRE ZONES 12-A,B,C COMMUNICATION WITH FIRE ZONES 13-A,B,C	10-14-82	0	10-14-82	OIR	IDVP		70261

STATUS OF OPEN EOIs IDENTIFIED BY THE IDVP

EOI FILE NO.	TITLE	ACTION REQ'D	IDVP REPORT STATUS	SCHEDULED RESOLUTION DATE FOR PROJECT REQUIREMENTS ANALYSIS	MODIFICATION*
938	Valve Orientation (includes file 1105)	Project	PRR/OIP	10/30	N/E
949	Main Annunciator Cabinet Rigidity and Frequency	IDVP	OIR	Done	M/E
963	Support 58S - 32R Direction	IDVP	OIR	10/30	M/E
964	Line 2519 Support Identification	Project	ER/C	10/30	M/E
983	Raceway Support Reevaluation (includes files 910 and 930)	Project	ER/A	12/07	N/I
993	OD Water Tank Design	Project	PRR/OIP	11/01	N/I
1003	4 kV SW RM HVAC Duct Support (includes file 1077)	Project	ER/AB	12/31	N/I
1008	Main Annunciator Cabinet Spectra	IDVP	ER/C	Done	N/A

* N/A = Not Applicable, N/I = Not Identified,
N/E = Not Expected, M/E = Modifications Expected
TBD = To Be Determined

STATUS OF OPEN EOIs IDENTIFIED BY THE IDVP

EOI FILE NO.	TITLE	ACTION REQ'D	IDVP REPORT STATUS	SCHEDULED RESOLUTION DATE FOR PROJECT REQUIREMENTS ANALYSIS	MODIFICATION*
1014	Containment Seismic Review (includes files 977 and 1009)	Project	ER/AB	11/05	N/I
1016	Anchor Allowables	IDVP	PRR/OIP	Done	N/A
1022	Intake Structure Seismic Review (includes files 967 and 988)	Project	ER/AB	11/19	N/I
1026	Turbine Building Seismic Review (includes files 982, 984, 989, 1010, and 1025)	Project	ER/AB	TBD	N/I
1028	Auxiliary Building Horizontal Acceleration	IDVP	PRR/OIP	9/30	N/I
1062	RLCA Piping Analysis 100 Stress Difference	Project	ER/C	10/30	N/E
1063	RLCA Piping Analysis 107 Stress Difference	Project	ER/C	10/30	N/E
1069	Valves LCV 113 & LCV 115 Unsupported	Project	ER/A	10/30	N/A
1074	RLCA Piping Analysis 101 Stress Difference	Project	ER/C	10/30	N/E
1077	HVAC Duct Support	IDVP	PPRR/CI	12/31	N/I
1080	RLCA Piping Analysis 103 Stress Difference	Project	ER/C	10/30	N/E
1081	RLCA Piping Analysis 104 Stress Difference	Project	ER/C	10/30	N/E
1084	RLCA Piping Analysis 102	Project	ER/C	10/30	N/E
1085	RLCA Piping Analysis 103	Project	ER/C	10/30	N/E
1086	RLCA Piping ANalysis 108	Project	ER/C	10/30	N/E
1088	Component CLG Water Heat Exchanger	IDVP	OIR	Done	N/A
1092	Fuel Handling Building Reevaluation (includes files 990, 991, 1027, 1079, and 1091)	Project	ER/A	11/30	N/I
1094	Intake Structure Soils Review	IDVP	PPRR/DEV	Done	N/A
1095	Auxiliary Building - Floor Response Spectra	IDVP	OIR	11/16	N/I

STATUS OF OPEN EOIs IDENTIFIED BY THE IDVP

EOI FILE NO.	TITLE	ACTION REQ'D	IDVP REPORT STATUS	SCHEDULED RESOLUTION DATE FOR PROJECT REQUIREMENTS ANALYSIS	MODIFICATION*
1096	Supply Fan S-31	IDVP	OIR	IDVP	N/I
1097	Auxiliary Building Seismic Reevaluation (includes files 920, 986, 1029, 1070, and 1093)	Project	ER/AB	11/16	N/I
1098	Piping Seismic Reevaluation (includes files 961, 1021, 1058, 1059, 1060, and 1104)	Project	ER/AB	10/30	N/I
1099	CCW HX Field Inspection Deficiency	Project	PRR/OIP	Done	N/E
1100	HLA Soils Review-OD Water Tanks	Project	PRR/DEV	10/27	N/I
1101	HLA Soils Review-OD Water Tanks	Project	PRR/OIP	10/27	N/I
1102	HVAC Damper 7A	IDVP	PER/C	Done	N/I
1103	Pipe Supports attached to Auxiliary Steel	Project	PRR/OIP	TBD	N/I
1105	RLCA Piping Analysis 103 Valves 8724A, 8726A & 8728A	IDVP	PPRR/CI	IDVP	N/I
3006	Containment Annulus Structure	IDVP	OIR	IDVP	N/I
3007	Containment Annulus Structure	IDVP	OIR	IDVP	N/I
8001	NSC Environments - Computer Code	Project	ER/AB	TBD	N/I
8002	NSC Mass-Energy Release Calculation	IDVP	PER/AB	IDVP	N/I
8003	NSC Value of Blowdown Enthalpy	IDVP	PER/AB	IDVP	N/I
8004	NSC Initial Temperatures	IDVP	PER/AB	IDVP	N/I
8005	Assumptions for Submergence Analysis	IDVP	PPRR/OIP	IDVP	N/I
8006	NSC Pressures and Temperatures	IDVP	PPRR/OIP	IDVP	N/I
8007	Pipe Restraint 1030-14RT	IDVP	PPRR/OIP	IDVP	N/I
8008	Pipe Restraint 1031-11RT	IDVP	PPRR/OIP	IDVP	N/I
8009	AFWS Discharge Piping Pressure	IDVP	PPRR/OIP	IDVP	N/I

STATUS OF OPEN EOIs IDENTIFIED BY THE IDVP

EOI FILE NO.	TITLE	ACTION REQ'D	IDVP REPORT STATUS	SCHEDULED RESOLUTION DATE FOR PROJECT REQUIREMENTS ANALYSIS	MODIFICATION*
8010	AFW Turbine Throttle Valve	IDVP	PPRR/OIP	IDVP	N/I
8011	AFW and CRVP Systems Cable	IDVP	PPRR/OIP	IDVP	N/I
8012	Class 1 Portions of the CRVP Systems	IDVP	PPRR/OIP	IDVP	N/I
8013	Emergency Diesel Generator Nos. 11, 12, & 13	IDVP	PPRR/OIP	IDVP	N/I
8014	AFW System Valves LCVs, 108, 109, 113, 115, FCVs 436, 437	IDVP	PER/AB	IDVP	N/I
8015	AFW System Flow Capacity	IDVP	PPRR/OIP	IDVP	N/I
8016	Power Supplies to CRVP Equipment	IDVP	PPRR/OIP	IDVP	N/I
8017	HVAC Control Power Separation	IDVP	OIR	IDVP	N/I
8018	Class 1 Qualification of FCV 37 and FCV 38	IDVP	OIR	IDVP	N/I
8019	Equip for AFW Pumps in Same Fire Zone 3-Q-2	IDVP	PPRR/OIP	IDVP	N/I
8020	HVAC Equip Fire Review and As-Built Differences	IDVP	PPRR/OIP	IDVP	N/I
8021	AFWS Power/Control CKT Routing As-Built Differences	IDVP	OIR	IDVP	N/I
8022	KA Sizing of 4KV CKT Breakers	IDVP	PER/AB	IDVP	N/I
8023	480V Steady State Under Voltage for LOCA	IDVP	PER/AB	IDVP	N/I
8024	480V Transient Under Voltage for Norm Oper	IDVP	PER/AB	IDVP	N/I
8025	4KV and 480V Transient Under Voltage After LOCA	IDVP	PER/AB	IDVP	N/I
8026	480V Steady State Under Voltage for Full Load	IDVP	PER/AB	IDVP	N/I
8027	AFW Turbine Steam Supply As-Built Differences	IDVP	PPRR/OIP	IDVP	N/I
8028	HELB Effects on AFW Pump Motors Pump Motors	IDVP	OIR	IDVP	N/I
8029	HELB Effects on AFWS PT-434	IDVP	OIR	IDVP	N/I
8030	HELB Effects on AFWS PT-433	IDVP	OIR	IDVP	N/I

STATUS OF OPEN EOIs IDENTIFIED BY THE IDVP

EOI FILE NO.	TITLE	ACTION REQ'D	IDVP REPORT STATUS	SCHEDULED RESOLUTION DATE FOR PROJECT REQUIREMENTS ANALYSIS	SCHEDULED RESOLUTION DATE FOR PROJECT REQUIREMENTS MODIFICATION*
8031	HELB Effects on AFWS LCV 113 and LCV 115	IDVP	OIR	IDVP	N/I
8032	Loss of HSP CNTL of LCV 110, 111, 113, 115 Due to Fire	IDVP	PER/AB	IDVP	N/I
8033	HELB SG Blowdown Model	IDVP	OIR	IDVP	N/I
8034	HELB PT Anal for Area GE	IDVP	OIR	IDVP	N/I
8035	Smoke Detectors in CRVP Intake Ducts	IDVP	OIR	IDVP	N/I
8036	H2 Lines in AFWS Fire Zones 3-Q-1&2	IDVP	OIR	IDVP	N/I
8037	Gap in AFWS Fire Barrier Damper FD-24	IDVP	OIR	IDVP	N/I
8038	Fire Zone 3-Q-2 Communication with Fire Zone 3-R	IDVP	OIR	IDVP	N/I
8039	Fire Zones 12-A, B, C Communication with Fire Zones 13-A, B, C	IDVP	OIR	IDVP	N/I

ATTACHMENT II

OUTSTANDING
IDVP REQUESTS FOR INFORMATION

LEGEND

* One asterisk denotes a revision since the last report.

** Two asterisks denote an addition since the last report.

OUTSTANDING IDVP REQUESTS FOR INFORMATION

REQUEST NO.	DATE OF REQUEST	DESCRIPTION OF REQUEST	ESTIMATED DELIVERY DATE	RESPONSIBLE GROUP
RLCA-330*	09-22-82	Detailed criteria, procedures and methodology for the containment exterior applicable to the ITP.	11-01-82	CIVIL
RLCA-331*	09-22-82	Detailed criteria, procedures and methodology for the containment interior applicable to the ITP.	11-01-82	CIVIL
RLCA-341*	09-22-82	Detailed criteria, procedures and methodology for electrical equipment applicable to the ITP.	11-15-82	ELEC
RLCA-344*	09-22-82	Detailed criteria, procedures and methodology for instrument tubing applicable to the ITP.	10-25-82	I&C
RLCA-354**	10-02-82	10 rupture restraint qualification calculations	11-01-82	CIVIL
RLCA-355**	10-02-82	Benchmarking of soils code and site records	11-01-82	CIVIL

OUTSTANDING IDVP REQUESTS FOR INFORMATION

REQUEST NO.	DATE OF REQUEST	DESCRIPTION OF REQUEST	ESTIMATED DELIVERY DATE	RESPONSIBLE GROUP
RLCA-357**	10-04-82	Pressure and temperature operating modes for 12 lines.	10-27-82	PIPING
RLCA-359**	10-12-82	Method of qualification for DE, DDE, thermal and pressure (where required), for Electric and Control devices in AFW and CRVP	11-15-82	HVAC ELEC I&C
RLCA-366**	10-12-82	List of all equipment reviewed for DCM-C-17 and completed.	11-12-82	ELEC HVAC
RLCA-367**	10-12-82	List of small bore sample.	10-25-82	PIPING
TES-0100*	09-16-82	Reanalysis packages for piping problems 6-11 and/or 4A-26 that were sent to BNL.	10-29-82	PIPING
TES-0105*	09-23-82	Clarification of PGandE supplied envelope spectra. Annulus stress calculations.	10-25-82	CIVIL

Attachment II
Page

OUTSTANDING IDVP REQUESTS FOR INFORMATION

REQUEST NO.	DATE OF REQUEST	DESCRIPTION OF REQUEST	ESTIMATED DELIVERY DATE	RESPONSIBLE GROUP
TES-0113**	10-12-82	Explanation of "END CODES"	10-25-82	CIVIL
SWEC-16**	07-22-82	Documentation of motor-starting capability of 80% voltage. Ninety-five percent complete.	11-03-82	ELEC
SWEC-39**	10-15-82	Provide Specifications for miscellaneous LCVs, PTs, and Class 1 instrument tubing	10-25-82	I&C

ATTACHMENT III

OTHER FINDINGS (OPEN ITEMS)

LEGEND

* Asterisk denotes item with revisions this reporting period.

** Status is reflected in Table 2.

*** Status is currently being developed and will be provided in future issues.

1. TASK: The number assigned by PGandE for tracking.

2. INITIATING DOCUMENT: The document which first identified the open item to the IDVP.

3. IDENT DT: The date the problem was identified (year-month-day).

4. ECD: Estimated completion date. The computer will enter 999999 until a date is entered.

Note 1: Task numbers are not necessarily sequential for this listing. All 70000 series task numbers are dedicated to IDVP items or OIs.

Attachment III
Page 1

STATUS OF PGandE OPEN ITEMS

TASK	INITIATING DOCUMENT	IDENT DATE	ECD	DESCRIPTION	STATUS DESCRIPTION OF RESOLUTION	CONCLUSIVE STATEMENT OF RESOLUTION	REFERENCE TO ITP PHASE I FINAL REPORT	ERROR CLASS PER IDVP	% ANALYSIS COMPLETE	% MODIFICATIONS COMPLETE
70098*	Semimonthly Status Report No. 7 Other Findings, Item 1	820212	821130	PG&E Open Item: Modeling of all annulus area valves was reviewed. Six were found to be modeled incorrectly. The valve modeling in all Unit 1 piping analyses will be reviewed. If modeling errors are found, affected piping analyses will be rerun.	The initial concern addressed inappropriate modeling of valve eccentric masses at the pipe center line and all analyses were reviewed to locate modeling errors of this type. The models have been corrected and analyses rerun. The Internal Technical Program includes review and reanalysis, as necessary, for other valve modeling issues such as extended structure stiffness, valve weights and location of the extended mass center of gravity.		Section 2.2.1, 2.2.1.3.3.2, 2.2.2 2.2.2.3.1.2	A	**	**
70099	Semimonthly Status Report No. 7 Other Findings, Item 2	820212	820521	PG&E Open Item: The digitization of the east-west translational Hosgri spectra for the 140 ft elevation in the auxiliary building has been found to contain an error. All affected piping analyses will be rerun and pipe supports requalified.	All piping analyses were reviewed to identify affected piping. One analysis was found to need reanalysis. This piping analysis was rerun.	Reanalysis is complete, and support redesign and qualification are complete. This item is closed (820521).	Section 2.1.2	A	100	100

STATUS OF PGandE OPEN ITEMS

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70100	Semimonthly Status Report No. 7 Other Findings, Item 3	820212	821215	PG&E Open Item: The method used to calculate raceway weights may have resulted in an underestimation of the weights of some conduits. A thorough reverification program for all raceway supports will be conducted.	A review of all safety-class raceway supports is being conducted. The supports either will be qualified by analysis or will be modified.		Section 2.4	A or B	***	***
70101*	Semimonthly Status No. 7 Other Findings, Item 4	820212	820315	PG&E Open Item: Review of all Unit 1 small bore piping has identified 42 supports requiring vertical restraint where only a single rod was utilized. Modification of these supports will be made.	All small bore piping single rod supports required to function as vertical restraints will be identified and modified to provide restraint to both upward and downward movement.	Forty-two single rod supports were found in locations which required vertical restraint and these supports have been modified to prevent uplift. This item is closed (820315).	Section 2.2.4.1.1	A	100	100
70102*	Semimonthly Status Report No. 7 Other Findings, Item 5	820212	821130	PG&E Open Item: One valve list in the Hosgri report was not updated as required by a licensing commitment . All design Class 1 active valves will be reviewed to ensure they are qualified.	A complete listing of all Design Class 1 active valves will be prepared and reviewed to ensure that the valves are qualified.		Section 2.2.1 2.2.1.3.4 2.2.2.3.2.2	A or B	15	**

STATUS OF PGandE OPEN ITEMS

TASK	INITIATING DOCUMENT	IDENT DATE	ECD	DESCRIPTION	STATUS DESCRIPTION OF RESOLUTION	CONCLUSIVE STATEMENT OF RESOLUTION	REFERENCE TO ITP PHASE I FINAL REPORT	ERROR CLASS PER IDVP	% ANALYSIS COMPLETE	% MODIFICATIONS COMPLETE
70103*	Semimonthly Status Report No. 7 Other Findings, Item 6	820212	820420	PG&E Open Item: Certain small bore piping spans have been identified as deviating from seismic criteria. Review and analysis will be performed to determine extent and significance.	A large sample of small bore piping has been reviewed and overspans identified. Analysis has been completed to identify those spans which may incur seismic stresses exceeding allowables. The percentage of spans in this class relative to the total population is 0.19% Design instructions to add supports which would eliminate piping overstress were issued. Verification of support qualifications associated with overspans is complete and all supports reviewed were found to comply with the original acceptance criteria.	This item is closed for the specific issue identified (820420). However, the generic issue of small bore piping overspans is addressed in the Internal Technical Program.**	Section 2.2.2, 2.2.2.3.3, 2.2.4, 2.2.4.3.2.2	A	100	100

STATUS OF PGandE OPEN ITEMS

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70104*	Semimonthly Status Report No. 7 Other Findings, Item 7	820212	821130	PG&E Open Item: Piping review of the annulus revealed two thermal analyses which used incorrect modeling of supports. A sample of other thermal analyses will be performed.	The two thermal analyses will be rerun and supports qualified. Also, all thermal analyses will be reviewed as part of the Internal Technical Program and those found to contain support modeling errors will be rerun and associated supports will be requalified.	The two thermal analyses have been rerun and supports qualified.	Section 2.2.1, 2.2.1.3.2.1, 2.2.2, 2.2.2.3.2.1 2.2.2.3.3	A or B	**	**
70105*	Semimonthly Status Report No. 7 Other Findings, Item 8	820212	821130	PG&E Open Item: Piping with supports attached to the containment internal structure above elevation 140 ft were dynamically analyzed using 140 ft containment interior spectra. In addition, piping, electrical raceways and supports attached to containment exterior pipeway were analyzed using containment exterior spectra. Further analysis is being performed to verify appropriateness of these assumptions.	Appropriate spectra were developed. The new spectra are being compared to spectra used in the previous qualifications. Where qualifying spectra do not envelope the new spectra, analyses will be performed to qualify piping systems and electrical raceway to criteria. Modifications will be performed, as required.	The appropriate spectra have been developed.	Section 2.2.1, 2.2.1.3.2.2, 2.2.2, 2.2.2.3.2.1, 2.2.2.3.3 2.4	A or B	35 (non-piping) 50 (piping)	0

STATUS OF PGandE OPEN ITEMS

TASK	INITIATING DOCUMENT	IDENT DATE	ECD	DESCRIPTION	STATUS DESCRIPTION OF RESOLUTION	CONCLUSIVE STATEMENT OF RESOLUTION	REFERENCE TO ITP PHASE I FINAL REPORT	ERROR CLASS PER IDVP	% ANALYSIS COMPLETE	% MODIFICATIONS COMPLETE
70106	Semimonthly Status Report No. 7 Other Findings, Item 9	820212	821130	PG&E Open Item: One case of a pipe support design with fewer pipe lugs than required by design criteria, resulting in local pipe overstress, has been identified. All pipe support designs will be reviewed to identify any deviations.	All welded pipe attachment designs will be reviewed and qualified or redesigned. Included in this review are local pipe stress effects.		Section 2.2.3, 2.2.3.3.1, 2.2.4 2.2.4.3.1.4	A	**	**
70107	Semimonthly Status Report No. 7 Other Findings, Item 10	820212	821130	PG&E Open Item: Seven analyses were identified for which the spectra sets used were not enveloped by the appropriate revised reoriented spectra. The analyses will be run with appropriate spectra.	The seven analyses will be rerun using appropriate spectra sets and all remaining piping analyses will be reviewed to assure use of all appropriate spectra. Where required, analyses will be rerun. Modification will be performed as required.	The seven piping analyses have been rerun.	Section 2.2.1, 2.2.1.3.2.2, 2.2.2 2.2.2.3.2.1 2.2.2.3.3	A	**	**
70108*	Semimonthly Status Report No. 7 Other Findings, Item 11	820212	820910	PG&E Open Item: Dynamic properties used in the seismic qualification of the plant exhaust vent will be reviewed.	The plant vent design was was reviewed. An appropriate model was developed. A dynamic analysis was performed.	A dynamic analysis of the plant vent has been completed. The vent and its supports have been determined to meet criteria. This item is closed (820910).	None	B	100	N/A

STATUS OF PGandE OPEN ITEMS

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70109*	Semimonthly Status Report No. 7 Other Findings Item 12	820212	820604 (for piping)	PG&E Open Item: Some masses were represented incorrectly in the formulation of the vertical dynamic model of the containment interior structure. An investigation will be made to determine the significance of this matter.	A design review of the vertical dynamic model has been made to determine the significance for the containment interior structure. Revised floor response spectra have been generated for three frames: frame 2 and 3 at elevation 101 ft, and frame 5 at elevation 140 ft of the model. Piping and equipment will be reiewed for the effect of these spectra changes and where required, reanalysis will be performed.	Piping analyses were found to be unaffected by the spectra changes, qualifying spectra are found to envelope the new spectra. This item is closed for piping (820604). Equipment review is continuing as part of the Internal Technical Program.	Section 2.1.1	B	100 (for piping)	N/A
70141	Semimonthly Status Report No. 8 Open Item 13	820127	821130	PG&E Open Item: RLCA has identified numerous discrepancies between the as-built piping configurations and the piping isometric drawings. Audits, drawing revisions and, as necessary, plant modifications will be performed.	Audits, drawing revisions and, as necessary, plant modifications will be performed. Field as-built checks will be conducted to verify design information.		Section 2.2.1, 2.2.1.3.2.1, 2.2.2, 2.2.2.3.2.1, 2.2.2.3.3	A	**	**

STATUS OF PGandE OPEN ITEMS

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70142*	Semimonthly Status Report No. 8 Open Item 14	820224	820430	PG&E Open Item: A deficiency in the small bore seismic anchor movement design criteria document was found during review & requalification of small bore piping for attached large bore piping revised seismic displacements. The instruction for projection of skewed lines into effective lengths for the appropriate planes resulted in greater span lengths than the true projected length. The instruction will be revised and all small bore piping reviewed and qualified.	The instruction was corrected. Small bore piping attached to dynamically analyzed large bore piping was reviewed and reanalyzed using correct projected span lengths.	Small bore piping attached to dynamically analyzed large bore piping has been reviewed and analyzed. No modifications were found to be required. This item is closed (820421).	Section 2.2.2	C	100	N/A
70143*	Semimonthly Status Report No. 9 Open Item 15	820309	821130	PG&E Open Item: Documentation for qualification of certain small bore piping support standard details for bidirectional loading cannot be located. The existing standard details will be requalified.	The standard support details will be qualified and modifications performed, if required. The effects of spectra revisions and insulation weight will be included in the review.		Section 2.2.4, 2.2.4.3.1.1	A or B	40	**

STATUS OF PGandE OPEN ITEMS

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70144	Semimonthly Status Report No. 9 Open Item 16	820309	821130	PG&E Open Item: The existing file 44 Hosgri horizontal seismic coefficient for the auxiliary building at elevation 163 ft is 5 ft. It should be 8.5. The file 44 horizontal and vertical seismic coefficients will be verified for current spectra.	The file 44 horizontal and vertical seismic coefficients are being verified for consistency with current spectra. Changes will be reviewed for effect on design and modifications performed, if required.		Section 2.2.4, 2.2.4.3.1.1, 2.2.4.3.2.2	A or B	**	**
70145	Semimonthly Status Report No. 9 Open Item 17	820309	821130	PG&E Open Item: Seismic anchor movement (SAM) effects were not addressed for large bore PG&E design Class I lines that were installed by span criteria and attached to computer analyzed lines. These lines will be identified and analyzed for SAM.	All large bore piping will be analyzed by computer and the effect of SAM will be considered.		Section 2.2.1, 2.2.1.3.1.1	A or B	**	**
70146*	Semimonthly Status Report No. 9 Open Item 18	820309	821130	PG&E Open Item: Class I equipment for the auxiliary saltwater system in the intake structure were qualified to the Hosgri ground floor response spectra.	Seismic analyses for Class I equipment and piping for the auxiliary saltwater system are being reviewed to assure that the equipment seismic qualification is maintained.		Section 2.2.1, 2.2.1.3.2.2, 2.3, 2.4, 2.5	A or B	***	0

STATUS OF PGandE OPEN ITEMS

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70148*	Semimonthly Status Report No. 9 Open Item 19	820309	821130	PG&E Open Item: The NRC considers that the 3D analysis of the containment polar crane shows that the results of the 2D non-linear analysis included in the Hosgri report are not conservative.	The polar crane is being reanalyzed to assure that design complies with seismic criteria. The 3D analysis being performed has identified some areas that may require strengthening.		2.1.1.5	A or B	***	***
70147*	Semimonthly Status Report No. 9 Open Item 20	820309	821130	PG&E Open Item: The seismic analysis of the containment dome service crane utilized some results of the 3D nonlinear polar crane analysis. These analyses have not yet been submitted for NRC review.	The dome service crane will be reanalyzed. Since input from the polar crane is needed for these analyses, these analyses will be completed when the polar crane analysis is complete.		Section to be added later	A or B	***	***

STATUS OF PGandE OPEN ITEMS

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70161*	Semimonthly Status Report No. 10 Open Item 21	820322	821130	PG&E Open Item: Calculations made by EDS for 14 in. HVAC duct support loadings used incorrect seismic response spectra in some cases. This may have resulted because the spectra provided by PG&E (shown in Appendix A of the EDS calculation file) inadvertently omitted designating the elevation 163 ft spectra as pertaining to the auxiliary building only. Apparently, EDS personnel mistakenly assumed that those spectra could be used for seismic loading at elevation 163 ft in the turbine building.	Floor response spectra at elevation 163 ft in the turbine building have been developed by PG&E. The HVAC duct and its supports have been reanalyzed for these appropriate spectra. The turbine building has been checked for the new support loads resulting from the reanalyzed HVAC duct supports.	Results of the reanalysis thus far indicate that qualifications of the HVAC duct will be maintained and no modifications are necessary.	Section 2.5.3	B	***	N/A

STATUS OF PGandE OPEN ITEMS

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70172*	Semimonthly Status Report No. 11 Open Item 22	820405	821130	PG&E Open Item: The reactor coolant system pressurizer supports and the component cooling water heat exchanger were modeled in company scope piping analyses as rigid. Additional analyses will be performed with actual equipment stiffnesses to verify the appropriateness of this modeling technique, or reanalysis and requalification of associated piping systems will be performed.	Review of the pressurizer support determined by the stiffness to be 2.04 x 10^8 lb/in., which is consistent with the Diablo Canyon criteria for modeling as rigid. The analysis of piping with the actual component cooling water heat exchanger stiffness resulted in support load increases but acceptable pipe stress. Actions are in progress to identify all equipment that does not qualify for rigid modeling and reanalysis will be performed.		Section 2.2.1, 2.2.1.3.3.2, 2.2.2, 2.2.2.3.2.1	A or B	**	**
70174*	Semimonthly Status Report No. 12 Open Item 23	820412	821130	PG&E Open Item: The Blume internal review has determinedthat several computer analyses were performed before it was required that all computer analyses be QA verified. Each such program is being investigated thoroughly.	The programs are being verified. Reanalyses will be performed, if required.		Appendix 1A	Open Item	***	N/A

STATUS OF PGandE OPEN ITEMS

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70175*	Semimonthly Status Report No. 12 Open Item 24	820414	821130	PG&E Open Item: The Blume internal review has identified several questions concerning the turbine building analysis. These questions are related to the mathematical modeling and computer analysis of some of the Hosgri and post-TMI modifications on the building response.	URS/Blume is reviewing each area of concern to determine its resolution. PG&E is continuing to monitor the resolution of the BIR issues. In addition, PG&E is performing parametric studies in its effort to monitor any reanalysis and modifications considered necessary to assure that qualification is maintained.		Section 2.1.4	Open item	***	***
70176*	Semimonthly Status Report No. 12 Open Item 25	820420	821130	PG&E Open Item: The Blume internal review has identified questions related to the seismic analysis of the containment interior. These questions are insufficiently addressed in the existing documentation of the analyses, and relate to the mass, shear values, stiffness, and to the centers of mass and rigidity of the model as well as to the interpretation of some of the results.	URS/Blume is reviewing each area of concern to determine its resolution. PG&E is continuing to monitor the resolution of the BIR. In addition, PG&E is performing parametric studies in its effort to monitor any reanalysis and modifications considered necessary to assure that qualification is maintained.		Section 2.1.1	Open Item	***	***

STATUS OF PGandE OPEN ITEMS

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70183	Semimonthly Status Report No. 13 Open Item 26	820504	820504	PG&E Open Item: The Blume internal review has requested URS/Blume to revise the auxiliary building report to reflect the actual time history used in the analysis (20 rather than 24 seconds long) and to supplement the calculations to demonstrate the appropriateness of the truncated time-history.	The auxiliary building report, "Diablo Canyon Nuclear Power Plant, Auxiliary Building Dynamic Seismic Analysis for the 7.5M Hosgri Earthquake", has to be revised to reflect the actual time history used in the analysis performed by URS/Blume (20 rather than 24 seconds long). Calculations to determine the appropriatness of the truncated time-history were performed. The analysis was rerun using the 24-second time history. The results between the 24- and the 20- second time histories were compared and found to be identical.	The report has been revised to reflect the actual time-history used. Calculations have been included in revision 1 of the calculation files which demonstrate that the truncated time-history produces an identical response spectrum to that of the original time-history. This item is closed (820504).	Section 2.1.2	C	100	N/A

STATUS OF PGandE OPEN ITEMS

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70184*	Semimonthly Status Report No. 13 Open Item 27	820503	821130	PG&E Open Item: The Blume internal review has identified a possible discrepancy in the correlation between intake structure input spectrum and floor response spectra. This may affect the intake structure crane analysis. It was also noted that the intake structure seismic analysis did not include the effects of a tsunami after possible seismic damage to the intake flow divider walls.	URS/Blume has developed floor response spectra for the intake structure and has performed analyses of the intake structure crane with that spectra. The effects of a tsunami on the intake structure are being reviewed to determine whether modifications are needed. If necessary, modifications will be performed.	The intake crane structure has been qualified with the correct floor response spectra and no modifications are necessary.	Section 2.1.5	Open item	***	N/A
70185	Semimonthly Status Report No. 13 Open Item 28	820506	821031	PG&E Open Item: An electrical design review has found that incorrect circuit breakers were supplied for certain 125 VDC circuits; 20,000 amp interrupting capacity breakers were specified. However, 10,000 amp breakers were received and installed.	20,000 amp interrupting capacity breakers were procured and will be installed.	Six replacement breakers will be installed that meet specifications.	None	A	100	0

STATUS OF PGandE OPEN ITEMS

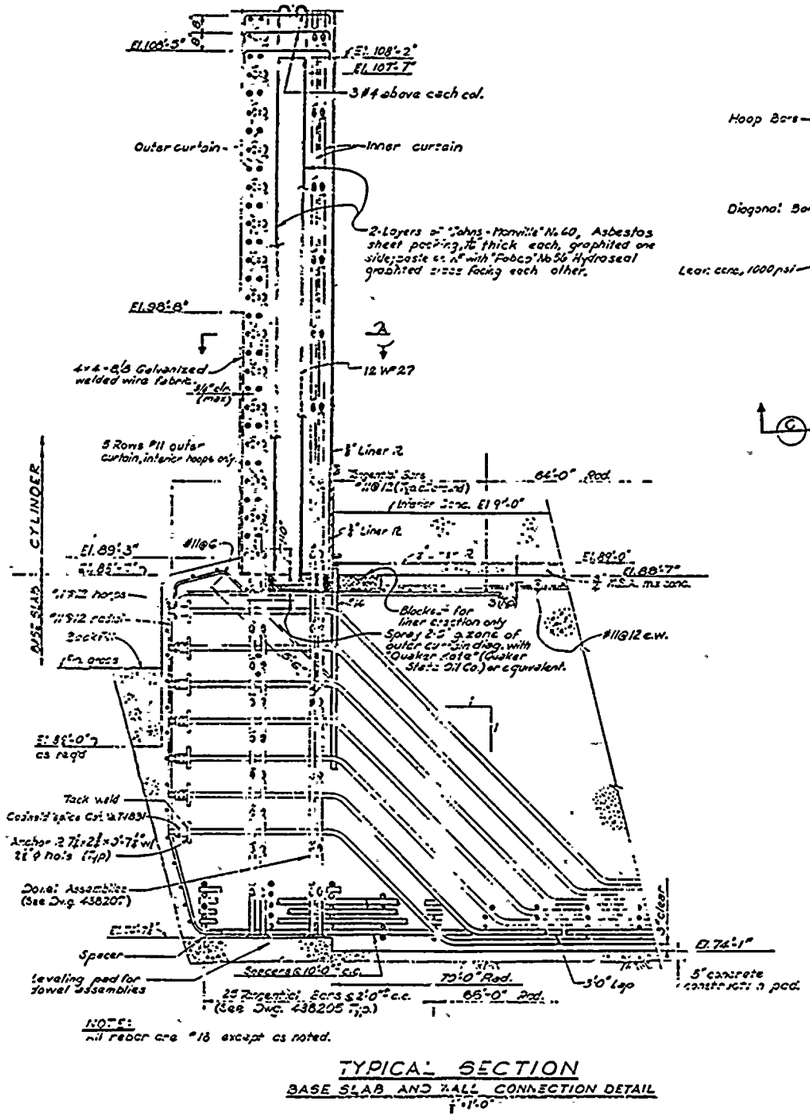
TASK	INITIATING DOCUMENT	IDENT DATE	ECD	DESCRIPTION	STATUS DESCRIPTION OF RESOLUTION	CONCLUSIVE STATEMENT OF RESOLUTION	REFERENCE TO ITP PHASE I FINAL REPORT	ERROR CLASS PER IDVP	% ANALYSIS COMPLETE	% MODIFICATIONS COMPLETE
70186	Semimonthly Status Report No. 13 Open Item 29	820507	821130	PG&E Open Item: Pipe support spacing tables for noncomputer analyzed piping do not consider the effect of the pipe insulation, and the table used for piping greater than 4 in. diameter was not reviewed, approved, and controlled as required by the PG&E quality assurance program.	New spacing tables which consider the weight of insulation are prepared and the effect on piping and support design will be determined. Large bore piping will be reanalyzed by computer. Modifications, if required, will be made.		Section 2.2.1, 2.2.2, 2.2.2.3.3, 2.2.4.3.2.2	A or B	**	**
70198*	Semimonthly Status Report No. 14 Open Item 30	820521	821115	PG&E Open Item: During the addition in 1979 of the control room pressurization system, the vital electrical power supply to the redundant control room heating, ventilation, and air conditioning (HVAC) system for each unit was changed. This change defeated the ability of the Unit 1 control room HVAC system to meet the single failure criteria if Unit 2 were not operating.	Two tests have been performed. These tests provided performance data that pressurization, air distribution and temperature control can be maintained satisfactorily with one of four ventilation trains. Electrical power modifications shall be made to be compatible with providing redundant air conditioning, ventilation and pressurization to the Unit 1 and Unit 2 control room, and to comply with single failure criteria.		None	A	75	0

STATUS OF PGandE OPEN ITEMS

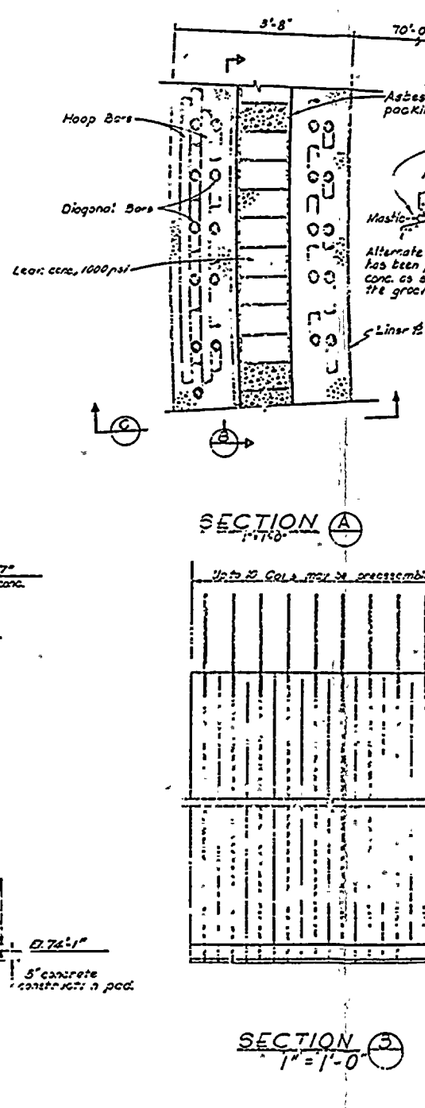
TASK	INITIATING DOCUMENT	IDENT DATE	ECD	DESCRIPTION	STATUS DESCRIPTION OF RESOLUTION	CONCLUSIVE STATEMENT OF RESOLUTION	REFERENCE TO ITP PHASE I FINAL REPORT	ERROR CLASS PER IDVP	% ANALYSIS COMPLETE	% MODIFICATIONS COMPLETE
70202*	Semimonthly Status Report No. 15 Open Item 31	820604	821130	PG&E Open Item: The Blume internal review has identified certain items which require further investigation to verify the acceptability of welded pipe attachments at the main steam and feedwater piping anchor. The anchor is located on column line G.	Reanalysis of the main steam and feedwater piping anchor pipe attachments and welds will be performed. The pipe attachments and welds designs will be reviewed to determine compliance to seismic criteria. Modifications will be performed, if necessary.		Section 2.2.3, 2.2.3.3.1	A or B	***	***
70203*	Semimonthly Status Report No. 15 Open Item 32	820607	830204	PG&E Open Item: Models and assumptions used in the analyses for the seismic qualification of the fuel handling building steel superstructure may have resulted in designs which do not totally satisfy all applicable criteria.	A study is being performed to determine what modifications are needed. Reanalysis of the structure is being performed using a finite-element model. Evaluation is underway to check the acceptability of the members and their connections to seismic criteria.		Section 2.1.3	A	***	***

STATUS OF PGandE OPEN ITEMS

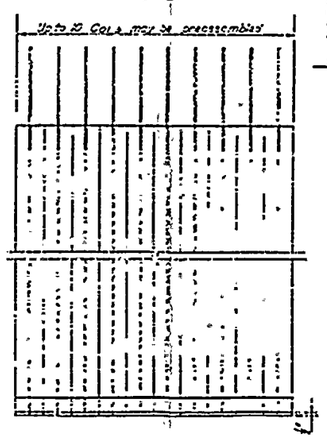
TASK	INITIATING DOCUMENT	IDENT DATE	ECD	DESCRIPTION	STATUS DESCRIPTION OF RESOLUTION	CONCLUSIVE STATEMENT OF RESOLUTION	REFERENCE TO ITP PHASE I FINAL REPORT	ERROR CLASS PER IDVP	% ANALYSIS COMPLETE	% MODIFICATIONS COMPLETE
70212*	Semimonthly Status Report No. 19 Open Item 33	820813	821215	PG&E Open Item: A review of the Hosgri qualification calculations for Class I HVAC duct supports identified a generic support type which apparently does not satisfy the applicable criteria.	A review of all Class 1 HVAC duct support designs is underway to determine their seismic adequacy. Modifications will be performed where necessary.		Section 2.5.4	A or B	***	***



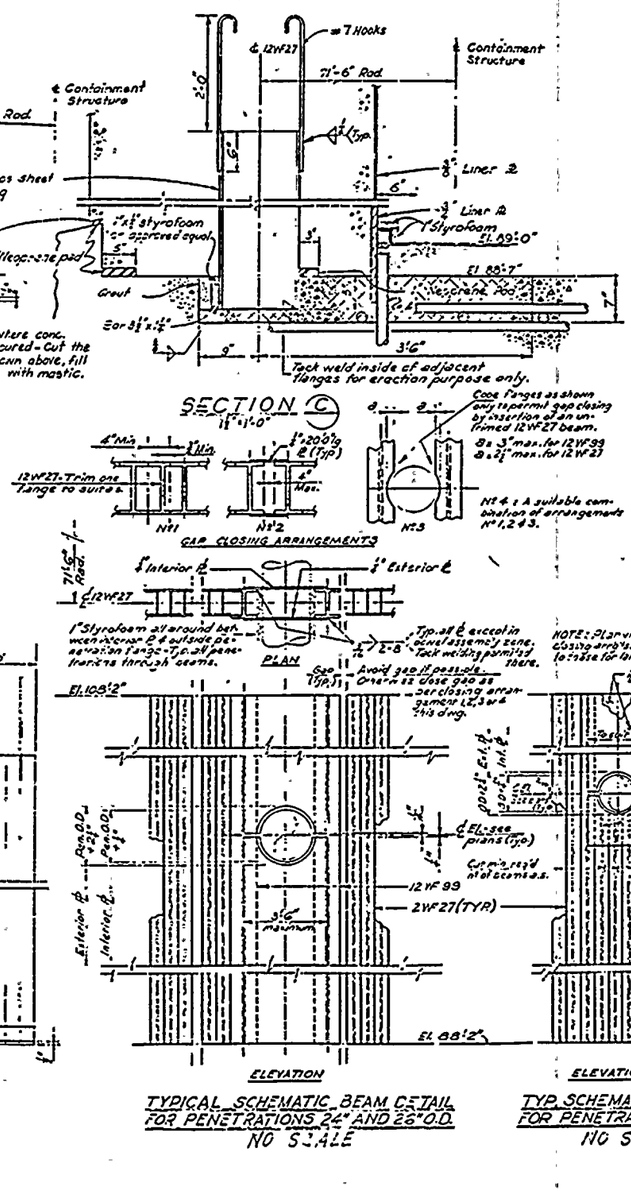
TYPICAL SECTION
BASE SLAB AND WALL CONNECTION DETAIL
1"=1'-0"



SECTION (A)
1"=1'-0"



SECTION (B)
1"=1'-0"



REFERENCE DRAWINGS

1.	General Arrangement of Reinforcing - Cylinder and Dome Dwg.	438211
2.	Dowel Assembly Base Slab	438207
3.	Base Slab Liner Dwg.	438253
4.	Reinforcing Base Slab Dwg.	438205

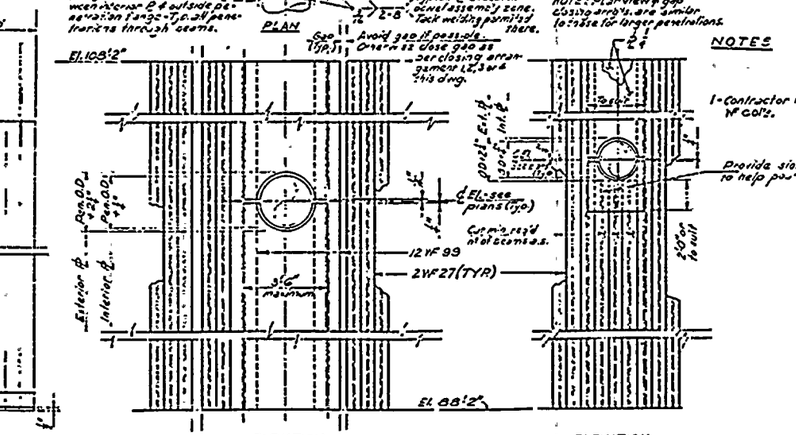


FIGURE 2.1.1-14

DIABLO CANYON POWER PLANT
UNITS 1 AND 2

BASE SLAB AND WALL CONNECTION