Parameter, Inc.
CONSULTING ENGINEERS
ELM GROVE, WISCONSIN

PARAMETER, Inc.

Project Quality Plan (PQP)

for

Providing Assistance and Services to Support NRC/IE Region V Personnel

in

Nondestructive Examinations and Review of Radiographs

at

Diablo Canyon Nuclear Power Plant, Units 1 & 2

San Luis Obispo, California

Prepared for:

Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission

Contract No. NRC-05-82-249
Task Order No. 56

PAR: NRC/IE-82/83

0	11/22/83
Rev. No.	Issue Date

8403080199 840305
PDR ADOCK 05000275
Q PDR

Record of Revisions

Revision	Date	Description	Issued by/ Concurrence
0	11/22/83	Issued in response to NRC Task Order No. 56 on Contract No. 05-82-249	Walter J. Foley Richard A. Lofaro

Distribution of PAR: PQP-124, Rev. 0
and Controlled Copy No. * of PAR: Q/A-1, Rev. 4 (previously submitted)

NRC/IE Headquarters, Wolfgang Laudan * Copy No. 2

WIT, Robert Grether * Copy No. 1

Distribution of PAR: PQP-124, Rev. 0

NRC Region V, Dennis Kirsch

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Attachment 1 Task Order No. 56, 2 pages

Introduction

This Project Quality Plan supplements the PARAMETER, Inc. basic Quality Assurance Program for the specific task of providing assistance and services to support NRC Region V Office of Inspection and Enforcement personnel in nondestructive examinations and review of radiographs at Diablo Canyon Nuclear Power Plant, Units 1 and 2, San Luis Obispo, California.

This PARAMETER, Inc. Project Quality Plan applies specifically to NRC Office of Inspection and Enforcement (NRC/IE) Task Order No. 56, which is included as Attachment 1.

The PARAMETER, Inc. basic Quality Assurance Program which applies to this task order is identified as PAR: Q/A-1, Revision 4, 6/3/82.

This Project Quality Plan is provided to meet the requirements of 10 CFR 50, Appendix B, Quality Assurance. It is recognized that PARAMETER, Inc. (the Contractor) is required to perform all work under Task Order No. 56 in accordance with PAR: PQP-124, Revision 0, and PAR: Q/A-1, Revision 4. Further, it is recognized that Wisconsin Industrial Testing, Inc. (WIT, the Subcontractor) is required to perform all work under this task order in accordance with the maintained copy issued 6/15/82 of their Quality Assurance Manual No. 101.

Client

Office of Inspection and Enforcement (IE)
U.S. Nuclear Regulatory Commission (NRC)

Applicable Quality Assurance Programs

1. PAR: Q/A-1, Revision 4, 6/3/82

   "Quality Assurance Program for Engineering Design, Analysis and Testing on ASME B & PV Code and Other Quality Documented Projects"

   This PARAMETER, Inc. basic program is supplemented by PAR: PQP-124 for the specific purpose of responding to NRC Task Order No. 56, which is included as Attachment 1 of this plan.

2. Manual No. 101
   Maintained Issue of 6/15/82

   "Quality Assurance Manual"

   Wisconsin Industrial Testing, Inc. (WIT)
   Brookfield, Wisconsin

PARAMETER, Inc. Reference

PAR: NRC/IE-82/83

Project

Providing Assistance and Services to Support NRC/IE Region V Personnel in Review of Radiographs and Nondestructive Examinations at Diablo Canyon Nuclear Power Plant, Units 1 and 2, San Luis Obispo, California.

Scope

1. Perform independent delta-ferrite measurements on about 25 selected stainless steel welds to verify compliance with Code and Regulatory Guide 1.31 requirements.

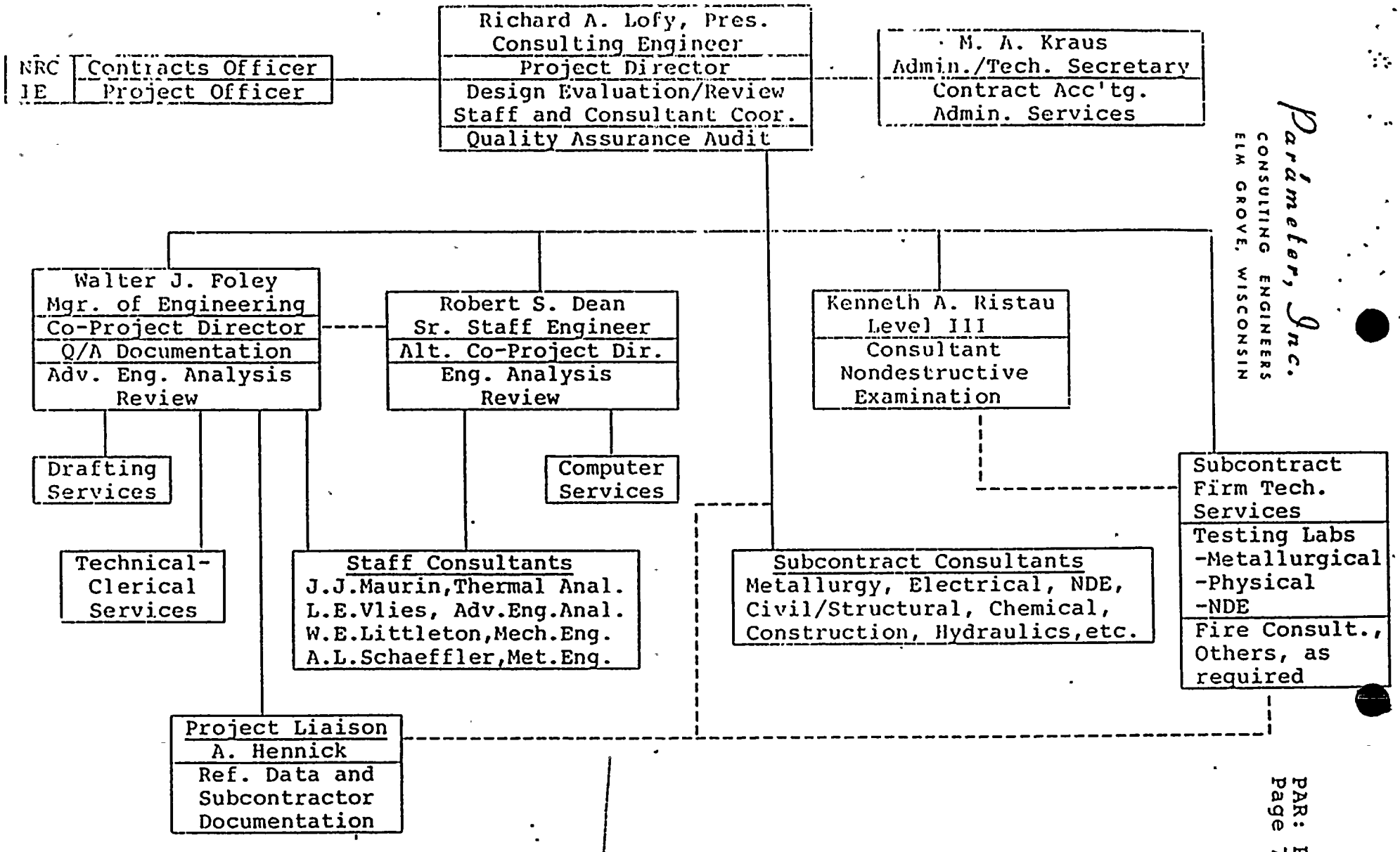
2. Visually examine and perform liquid penetrant examination of field welds FW-110, 111, 112 in isometric package 2-14-31.

3. Examine radiographs of about 100 pipe welds, and verify reader sheet, radiograph and evaluation adequacy.

Assignments and Contacts

NRC Authorized Project Officer: IE Headquarters	(301) 492-~~4925~~ 9759	Wolfgang Laudan
IE Region V Office Contact, NRC Section Chief:	(415) 943-3723	Dennis Kirsch
IE Region V (Diablo Canyon) Contact, NRC Senior Resident Inspector:	(805) 595-2353	Marvin Mendonca
PARAMETER, Inc. Project Director	(414) 786-7580	Richard A. Lofy
Q/A Engineer		Walter J. Foley
Level III		Kenneth A. Ristau
Wisconsin Industrial Testing (WIT)		
Administrative Contact	(414) 781-0105	Robert Grether
Level III and Q/A		Al Dolgaard
Inspection Personnel Assigned		Daniel Hunt*

* Certifications of this inspector are on file in the offices of PARAMETER, Inc. He is certified currently for PT at (SNT-TC-1A) Level II.



PARAMETER, Inc. Organization for NRC-IE Technical Assistance

Contract No. 05-82-249

PAR: NRC-IE-82/83

Parameter, Inc.
CONSULTING ENGINEERS
ELM GROVE, WISCONSIN

General Procedures and Requirements

1. All technical and administrative communications from NRC to PARAMETER, Inc. are to be directed to Mr. Richard A. Lofy, Project Director.

   When Mr. Lofy is out of the office, telephone calls are to be directed to Mr. Walter J. Foley, Q/A Engineer.

2. All technical and administrative communications from PARAMETER, Inc. to NRC are to be directed to the Authorized NRC/IE Project Officer, Mr. Wolfgang Laudan.

3. PARAMETER, Inc. is to be responsible for reviewing, auditing, and maintaining copies of Wisconsin Industrial Testing, Inc. (WIT) Quality Assurance Manual No. 101, maintained issue of 6/15/82. Date of Last Audit, April 13, 1983 by Kenneth A. Ristau.

4. PARAMETER, Inc. is to be responsible for reviewing and auditing the qualifications of the Level II inspector assigned to on-site nondestructive examinations, for certifying that his qualifications are up-to-date, and maintaining records of this audit.

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5. PARAMETER, Inc. is to be responsible for reviewing and auditing the qualifications of its Level III NDE Consultant, for certifying that his qualifications are up-to-date, for maintaining records of this audit and for providing NRC with a copy of his qualifications before commencing work.

6. In compliance with the intent of 10 CFR 50, Appendix B, activities affecting quality are to be controlled to an extent consistent with their importance to safety.

7. In compliance with 10 CFR 50, Appendix B, sufficient records are to be maintained to furnish evidence of activities affecting quality, and these records are to be identifiable and retrievable.

   In particular, the Q/A Manual of the subcontractor is to be checked thoroughly for commitment to adequacy of records.

Specific Procedures and Requirements

1. Upon arrival at the Diablo Canyon Site, the Level III Consultant provided directly by PARAMETER, Inc. is to give the NRC/IE contact two copies of his certification and qualification documents.

2. Upon arrival at the Diablo Canyon Site, the WIT Representative is to give the NRC/IE contact two copies of his certification and qualification documents, and certification of liquid penetrant cleaner, penetrant and developer.

3. The WIT Representative is to check that certification of licensee's Severn gauge calibration is current.

4. All examinations and reviews are to be performed in accordance with the latest editions of the ASME Code.

5. Two copies of all data sheets are to be furnished to the NRC/IE Contact at the conclusion of the work.

6. A letter report including a description of the work performed, the data obtained or examined, and evaluation of the adequacy of licensee's documentation is to be delivered to Dennis Kirsch (Region V office) and Wolfgang Laudan (NRC/IE Headquarters) by November 25, 1983.

7. An exit meeting is to be held with the NRC/IE contact to discuss the scope and findings.

Attachment

1. NRC/IE Task Order No. 56

Attachment 1 to
PAR: PQP-124

November 8, 1983

OUTLINE OF NON-DESTRUCTIVE EXAMINATION WORK TO BE PERFORMED AT DIABLO CANYON, NOVEMBER 14-18, 1983, BY NRC CONTRACT PERSONNEL

GENERAL INFORMATION:

Location: Diablo Canyon Nuclear Plant, Unit Nos. 1 and 2
San Luis Obispo, California

Licensee: Pacific Gas and Electric Company
Docket No. 50-275 and 50-323

Purpose:
1. Perform independent delta-ferrite measurements on about 25 selected stainless steel welds to verify compliance with code and Regulatory Guide 1.31 requirements.

2. Visually examine and perform liquid penetrant examination of field welds FW-110, 111, 112 in isometric package 2-14-31.

3. Examine about 100 weld radiographs and verify reader sheet, radiograph and evaluation adequacy.

Site Contact: Mr. Marvin Mendonca, NRC Senior Resident Inspector
805-595-2353

RV Contact: Mr. Dennis Kirsch, NRC Section Chief, 415-943-3740

Work Hours: 0730-1630, November 14-18, 1983

REQUIREMENTS:

To be furnished at the Diablo Canyon Site by the licensee:

Hard hats and safety glasses
Insulation removal
Scaffolding erection
Escorts to locate welds in the plant
Assistance to assemble documentation (radiographs)
Electrical power and extension cords for portable test equipment
Working space for one or two persons to examine radiography records
Viewer to examine radiographs
Use of lunchroom and sanitary facilities
Use of Xerox machine as back-up
Calibrated severn gauge

To be furnished at the Diablo Canyon Site by the NRC:

Assistance as required by the Senior Resident Inspector
Telephones in the NRC trailer
Xerox machine for copying

To be furnished by the contractor:

Certified level II or III liquid penetrant and qualified radiograph interpreter examiner to conduct visual and liquid penetrant examinations and an examination of about 100 radiographs for adequacy

Two copies of certifications and qualifications of all contractor personnel, and documentation verifying certification and qualification of liquid penetrant cleaner, penetrant and developer used shall be given to the NRC contact upon arrival at the Diablo Canyon Site.

Measurements performed shall be in accordance with the latest editions of the ASME code. Two copies of all data sheets will be furnished to the NRC contact at the conclusion of the work.

A letter report including a description of the work performed, the data obtained or examined, and evaluation of the adequacy of licensee's documentation shall be prepared and delivered to the NRC Region V office by November 25, 1983. An exit meeting will be held with the NRC contact at the conclusion of the work to discuss the scope and findings.

Parameter, Inc.
CONSULTING ENGINEERS
ELM GROVE, WISCONSIN

Subject

1. Independent delta-ferrite measurements on 25 selected stainless steel welds to verify compliance with Code and Regulatory Guide 1.31 requirements.

2. Visual and liquid penetrant examination of field welds FW110-111-112 in isometric package 2-14-31.

3. Examination of radiographs of 102 weld joints for compliance with Code, verification of adequacy of reader sheets and evaluation of overall quality of radiographs.

References

1. Outline of nondestructive examination work to be performed at Diablo Canyon, November 14-18, 1983 by NRC contract personnel (Exhibit 1).

2. Contract No. NRC-05-82-249
Task Order No. 56

3. PAR: NRC/IE-82/83

Writer of Report

Kenneth A. Ristau, PARAMETER, Inc., NDT Level III, MT, PT, RT and UT

Contract Personnel Assigned

Daniel J. Hunt, Wisconsin Industrial Testing, Inc., Level II, MT, PT, UT

Introduction

The NRC outline of work (Exhibit 1) designates 3 welds to be liquid penetrant tested and visually examined.

The 25 stainless pipe welds to be tested for delta-ferrite measurements were designated by Mr. Dennis Kirsch, NRC Section Chief. For a list of the welds and results of the inspection, see WIT report (Exhibit 3). Also see WIT report for results of visual and penetrant inspection (Exhibit 4).

Mr. Kirsch also indicated the 102 welds of which radiographs were to be viewed (Exhibit 2).

Record of Activities

November 15 and 16 inspections were made by Dan Hunt and films were viewed by Ken Ristau.

In a short meeting with Dennis Kirsch, day end November 16, the results of our findings were conveyed verbally, as follows:

1. The delta-ferrite measurements met the NRC requirements.

2. The LPT of all three welds were approved but FW111 had one LP indication running transverse to the weld in the base material of the pipe. It was approximately 1/2" away from the weld and about 1" long.

3. The radiographs of the welds were viewed and approved as adequately meeting Code. Comments were also made by the writer concerning film quality, detail of reader sheet documentation and the excellent condition of the radiographs, nearly 10 years after x-ray date.

Conclusions

1. Having reviewed the radiographs and reader sheets of all 102 selected piping welds identified in Exhibit 2, the writer found reader sheet documentation detailed and clear. Radiographs were readily available, in good order and of very good quality. Radiographs are approved as meeting the requirements of applicable Codes.

2. All 25 welds selected for delta-ferrite measurements met the requirements of Code and Regulatory Guide 1.31 (See Exhibit 3).

3. Visual and liquid penetrant examination of FW110 and 112 were acceptable. FW111 weld was also acceptable but an liquid penetrant indication was noted in the pipe base material (See WIT Penetrant Report, Exhibit 4).

Exhibit 1 to
Report No. PAR(DCNP)-NDE-2

November 8, 1983

OUTLINE OF NON-DESTRUCTIVE EXAMINATION WORK TO BE PERFORMED AT DIABLO CANYON, NOVEMBER 14-18, 1983, BY NRC CONTRACT PERSONNEL

GENERAL INFORMATION:

Location: Diablo Canyon Nuclear Plant, Unit Nos. 1 and 2
San Luis Obispo, California

Licensee: Pacific Gas and Electric Company
Docket No. 50-275 and 50-323

Purpose:
1. Perform independent delta-ferrite measurements on about 25 selected stainless steel welds to verify compliance with code and Regulatory Guide 1.31 requirements.

2. Visually examine and perform liquid penetrant examination of field welds FW-110, 111, 112 in isometric package 2-14-31.

3. Examine about 100 weld radiographs and verify reader sheet, radiograph and evaluation adequacy.

Site Contact: Mr. Marvin Mendonca, NRC Senior Resident Inspector
805-595-2353

RV Contact: Mr. Dennis Kirsch, NRC Section Chief, 415-943-3740

Work Hours: 0730-1630, November 14-18, 1983

REQUIREMENTS:

To be furnished at the Diablo Canyon Site by the licensee:

Hard hats and safety glasses
Insulation removal
Scaffolding erection
Escorts to locate welds in the plant
Assistance to assemble documentation (radiographs)
Electrical power and extension cords for portable test equipment
Working space for one or two persons to examine radiography records
Viewer to examine radiographs
Use of lunchroom and sanitary facilities
Use of Xerox machine as back-up
Calibrated severn gauge

To be furnished at the Diablo Canyon Site by the NRC:

Assistance as required by the Senior Resident Inspector
Telephones in the NRC trailer
Xerox machine for copying

To be furnished by the contractor:

Certified level II or III liquid penetrant and qualified radiograph interpreter examiner to conduct visual and liquid penetrant examinations and an examination of about 100 radiographs for adequacy

Two copies of certifications and qualifications of all contractor personnel, and documentation verifying certification and qualification of liquid penetrant cleaner, penetrant and developer used shall be given to the NRC contact upon arrival at the Diablo Canyon Site.

Measurements performed shall be in accordance with the latest editions of the ASME code. Two copies of all data sheets will be furnished to the NRC contact at the conclusion of the work.

A letter report including a description of the work performed, the data obtained or examined, and evaluation of the adequacy of licensee's documentation shall be prepared and delivered to the NRC Region V office by November 25, 1981. An exit meeting will be held with the NRC contact at the conclusion of the work to discuss the scope and findings.

Parameter, Inc.
CONSULTING ENGINEERS
ELM GROVE, WISCONSIN

Exhibit 2 to
Report No. PAR(DCNP)-NDE-2

Field Welds Chosen for Radiograph and Reader Sheet Review

ISO Drawing	Field Weld	ISO Drawing	Field Weld	ISO Drawing	Field Weld	ISO Drawing	Field Weld
1-7-21	100	1-7-6	31A	1-7-1	215	1-07-22	106
1-7-21	101	1-7-6	32	1-10-19	144	1-07-22	107
1-7-21	105	1-7-6	33	1-9-34	216	1-07-22	108
1-7-18	80	1-7-6	282	1-7-24	124	1-07-22	109
1-7-18	81	1-7-6	280	1-7-24	126	1-10-9	83 R1
1-7-14	62	1-7-6	283	1-9-42	249	1-07-22	110
1-7-14	63	1-7-9	294	1-9-42	245	1-07-22	111
1-7-14	64	1-7-9	284	1-9-42	250	1-07-22	112
1-7-10	46	1-7-9	182	1-7-8	242	1-07-22	113
1-7-2	7	1-7-9	43	1-7-8	40	1-09-9	75
1-7-5	22	1-7-9	42A	1-12-8	100	1-09-9	73
1-7-5	23	1-7-9	42	1-12-8	103	1-09-9	72
1-7-5	24	1-8-323	1084	1-12-8	99	1-09-9	74
1-7-5	25	1-7-1	1	1-12-8	104	1-09-9	71
1-7-5	26	1-7-1	2	1-7-23	117	1-09-9	77
1-7-5	27	1-7-1	3	1-09-41	242	1-09-9	78
1-7-5	295	1-7-1	4	1-09-41	243	1-07-17	76
501014	362	1-7-1	201	1-09-41	244	1-07-17	77
1-8-321	1069	1-7-1	203	1-09-17	130	1-07-17	78
1-7-28	186	1-7-1	204	1-09-17	131	1-07-17	79
1-7-28	187	1-7-1	206	1-09-17	132	1-07-16	72
1-4-153	1428	1-7-1	207	1-09-38	230	1-07-16	73
1-4-153	1060	1-7-1	209	1-09-28	231	1-07-16	74
500136	251	1-7-1	211	1-09-38	232	1-07-16	75
1-7-6	28	1-7-1	213	1-09-38	233	1-07-19	82
						1-07-19	83
						1-07-19	84

Exhibit 3 to Report No. PAR(DCNP)-NDE-2

AUDIT PERFORMED BY DANIEL HUNT (PARAMETER) 11-16-83

FERRITE INDICATOR S/N 2947, CAL. DATE 3-9-83

ISO NUMBER	FW NUMBER	FERRITE READING
1-8-328	1117	> 7.5% < 10%
1-8-328	1125	> 7.5% < 10%
1-8-328	1124	> 7.5% < 10%
1-8-328	1122	> 7.5% < 10%
1-8-328	1119	> 7.5% < 10%
1-8-328	1118A	> 7.5% < 10%
1-8-328	1118	> 7.5% < 10%
1-8-320	1060	> 7.5% < 10%
1-8-320	1059	> 7.5% < 10%
1-8-320	1057	> 7.5% < 10%
1-8-20	293	> 7.5% < 10%
1-8-20	293A	> 7.5% < 10%
1-8-20	293B	> 7.5% < 10%
1-8-20	150	> 10% < 15%
1-8-20	149	> 10% < 15%
1-8-20	148	> 10% < 15%
1-8-20	147	> 10% < 15%
1-8-20	145	> 7.5% < 10%
1-8-20	146	> 7.5% < 10%
1-8-2	16	> 7.5% < 10%
1-8-2	20	> 7.5% < 10%
1-8-2	21	> 7.5% < 10%
1-8-2	22	> 7.5% < 10%
1-8-2	24	> 7.5% < 10%
1-8-2	19	> 7.5% < 10%

Daniel J. Hunt

11-16-83

Exhibit 4 to Report PAT . . . NDE-2

WISCONSIN INDUSTRIAL TESTING, INC.

4250 N 126th Street • Brookfield, WI 53005 • Tel. (414) 781-0105
959 Ehlers • Neenah, WI 54956 • Tel. (414) 722-3115
FAA Repair Station C13-29

REPORT OF NONDESTRUCTIVE EXAMINATION (UT, MT, PT, ET)

Customer	Location	Contract No	Date
NRC	DIABLO CANYON, CALF.		11-16-83

O No.	Item Description	Plan or Drawing No	Control Report No
	STEAM PIPE	150 2-14-31	

art # OR oint #	System # Or Line #	Heat # Or Serial #	Surface Condition
FW-110, 111, 112			AS WELDED

ype of Examination	Examination Standard	Acceptance Standard	NDE Procedure
ET ☐ UT ☐ MT ☐ PT ☒		ASME III NB-5330	ASME V & III

ype of Work	Total Length Examined	Material Type	Material Thickness	Material Temp
New ☒ Repair ☐ R#	100 In. FT WELD	STAINLESS STEEL		AMBIENT

T Equipment	Probe	Test Block	Technique Description	Sensitivity Level

T Equipment	Transducer	Test Block	Technique Description	Sensitivity Level

T Equipment	Dry ☐ Visible ☐ AC ☐ DC ☐ Wet ☐ Fluor ☐ Rectified ☐	Amperage	Prod Spacing Head ☐ Coil ☐	Particle Color

T Equipment	Visible ☒ Fluorescent ☐	Penetrant Dwell Time 20 min	Development Time 7 min	
MAGNAFLUX SKC-S	Water ☐ Post ☐ Solvent ☒		Dry ☐ Wet ☐	Nonaqueous ☒

elect Code C = Crack P = Porosity LF = Lack of Fusion LI = Linear Indication S = Slag LA = Lamination

PART NO.	ACC.	REJ.	DEFECT CODE	REMARKS
FW-110	✓			
FW-111		✓	LAP	1/2" FROM WELD 1" LONG.
FW-112	✓			

PART NO.	ACC.	REJ.	DEFECT CODE	REMARKS
CLEANER:		SKC-5		
PENETRANT:		SKL-5/SKL-HF		
DEVELOPER:		SKD-5		

mments	Number of Items Accepted	Number of Items Rejected
INDICATION MARKED ON PIPE		

Cert Level	Date	Customer	Date
II	11-16-83		

st Technician	Cert. Level	Date	Authorized Inspector	Date

Enclosure 2

Parameter, Inc.

Contract No. NRC-05-82-249

Task Order No. 56

1. Scope of Work

Provide NRC Office of Inspection and Enforcement - Bethesda, assistance and services in independent non-destructive examination at the Diablo Canyon Nuclear Power Plant, Units 1 and 2, San Luis Obispo, California.

A. The following general information is provided:

Location: Diablo Canyon Nuclear Plant, Unit Nos. 1 and 2
San Luis Obispo, California

Licensee: Pacific Gas and Electric Company
Docket No. 50-275 and 50-323

Site Contract: Mr. Marvin Mendonca, NRC Senior Resident Inspector
805-595-2353

RV Contact: Mr. Dennis Kirsch, NRC Section Chief, 415-943-3740

Work Hours: 0730-1630, November 14-18, 1983

To be furnished at the Diablo Canyon Site by the licensee:

Hard hats and safety glasses
Insulation removal
Scaffolding erection
Escorts to locate welds in the plant
Assistance to assemble documentation (radiographs)
Electrical power and extension cords for portable test equipment
Working space for one or two persons to examine radiography records
Viewer to examine radiographs
Use of lunchroom and sanitary facilities
Use of Xerox machine as back-up
Calibrated severn gauge

To be furnished at the Diablo Canyon Site by the NRC:

Assistance as required by the Senior Resident Inspector
Telephones in the NRC trailer
Xerox machine for copying

B. Statement of Work

1. The contractor shall provide a certified Level II or III liquid penetrant and qualified radiograph interpreter examiner to conduct visual and liquid penetrant examinations and an examination of radiographs.

Specifically the contractor shall:

a. Perform independent delta-ferrite measurements on about 25 selected stainless steel welds to verify compliance with code and Regulatory Guide 1.31 requirements.

b. Visually examine and perform liquid penetrant examination of field welds FW-110, 111, 112 in isometric package 2-14-31.

c. Examine about 100 weld radiographs and verify reader sheet, radiograph and evaluation adequacy.

d. Provide two copies of certifications and qualifications of all contractor personnel, and documentation verifying certification and qualification of liquid penetrant cleaner, penetrant and developer used to the NRC contact upon arrival at the Diablo Canyon Site. Measurements performed shall be in accordance with the latest editions of the ASME code.

2. Report Requirements

a. Two copies of all data sheets will be furnished to the NRC contact at the conclusion of the work.

b. A letter report including a description of the work performed, the data obtained or examined, and evaluation of the adequacy of licensee's documentation shall be prepared and delivered to the NRC Region V office by November 25, 1983.

c. An exit meeting will be held with the NRC contact at the conclusion of the work to discuss the scope and findings.

3. Place of Performance

Diablo Canyon, Units 1 and 2

4. Period of Performance

11/13/83 through 11/30/83

5. Cost Amount - CPFF Task Order

Total Estimated Amount of the Task Order shall be $10,851.79, of which $10,351.79represents the estimated costs and $500.00 represents the fixed fee.

Enclosure 3

JAN 3 1 1984

OIE 82-249

Reactors In Operation

"This Task Order #58 is to provide technical Assistance to Region V in the area of non-destructive examination as related to allegations at Diablo Canyon Nuclear Power Plants (Units 1 and 2)."

cc: A. P. Muir, IE
W. Laudan, IE
C. A. Paugh, IE
A. Bernold, IE
S. Wollett, TCB

OFFICE	RM&PS:PSAS:IE	C:RM&PS:PSAS				
SURNAME	APMuir:kdt	AJBurda				
DATE	01/31/84	01/31/84				

NRC FORM 400, Part 1
(8-80)

U.S. NUCLEAR REGULATORY COMMISSION

REQUEST FOR PROCUREMENT ACTION (RFPA)

1. RFPA NUMBER: OIE 82-249

2. RFPA REVISION NUMBER: T.O. #58

INSTRUCTIONS. This form is to be used for various types of procurement requests, including sole-source actions, competitive solicitations and modifications.

Inapplicable items or those for which information has not been developed, should be left blank. In such cases, the project officer should contact the Division of Contracts for specific guidance.

Submit the completed form to: Director, Division of Contracts, Office of Administration

3. TYPE OF ACTION REQUESTED (Check and complete as appropriate)

- [ ] ADMINISTRATIVE ACTION INITIATED BY DIVISION OF CONTRACTS
- [ ] ISSUE A COMPETITIVE SOLICITATION
- [ ] AWARD A CONTRACT ON THE BASIS OF AN UNSOLICITED PROPOSAL (Give contractor's name)
- [X] EXECUTE A MODIFICATION TO A CONTRACT

CONTRACT NUMBER	CONTRACTOR
NRC-05-82-249	Parameter, Inc.

- [ ] AWARD A NONCOMPETITIVE CONTRACT (Give contractor's name)
- [ ] EMPLOY A BASIC ORDERING AGREEMENT (BOA)

BOA NUMBER	TITLE OF BOA

- [ ] ISSUE AN INTERAGENCY AGREEMENT (Give agency's name)

4a. PERIOD OF PERFORMANCE

FROM	TO
2/6/84	2/29/84

b. DELIVERY SCHEDULE

5. SECURITY CLASSIFIED INFORMATION ANTICIPATED

- [ ] YES (Attach NRC Form 187)
- [X] NO

6. PREPROPOSAL CONFERENCE CONTEMPLATED

- [ ] YES
- [ ] NO

7. DECISION UNIT TITLE

Reactors in Operation

8. TITLE OF PROJECT AND BRIEF DESCRIPTION OF WORK (50 word summary)

This Task Order #58 is to provide technical Assistance to Region V in the area of non-destructive examination as related to allegations at Diablo Canyon Nuclear Power Plants (Units 1 and 2).

9. PROGRAM OFFICE RECOMMENDATION REGARDING SOCIO-ECONOMIC SET-ASIDES (Complete where action requested in 3, above is for a competitive solicitation; a basic ordering agreement, or a noncompetitive contract.)

- 100% SET-ASIDE FOR SMALL BUSINESS
- PARTIAL SET-ASIDE FOR SMALL BUSINESS
- JOINT SMALL BUSINESS—LABOR SURPLUS AREA SET-ASIDE
- 100% LABOR SURPLUS AREA SET-ASIDE
- NONCOMPETITIVE CONTRACT PROCESSED UNDER THE PROCEDURES OF SECTION 8(a) OF THE SMALL BUSINESS ACT FOR AWARD TO A SMALL DISADVANTAGED BUSINESS
- UNRESTRICTED ACTION

10. MANAGEMENT DIRECTIVES APPLICABILITY

DESCRIPTION	APPLICABLE	INAPPLICABLE	EXEMPTION NUMBER
OMB CIRCULAR A-76 See NRC Bulletin 5105-1			
AUTOMATIC DATA PROCESSING COORDINATION See NRCM 0324 and NRC Bulletin 5101-15			
APPROVAL FOR AUDIT ON/OF CONSULTANT SERVICES See NRCM 4139			

NRC FORM 400, Part 2
(8-80)

U.S. NUCLEAR REGULATORY COMMISSION

REQUEST FOR PROCUREMENT ACTION (RFPA)

11 DUPLICATION OF EFFORT *(Check as appropriate)*

☐ I certify, based on inquiries made with other NRC offices, that no unnecessary duplication of effort will result from the conduct of the subject work. *(For actions less than $100,000)*

☐ Attached are certifications executed by each member of the Contract Review Board *(Actions in excess of $100,000)*

☐ Contract Review Board Certification requests have been forwarded to Board Members for concurrence/comment. Completed certifications will be forwarded. *(For urgent actions only, with prior approval of the Division of Contracts)*

12. LIST OF ATTACHMENTS

NUMBER	DESCRIPTION
X	STATEMENT OF WORK
	EVALUATION CRITERIA WITH NUMERICAL WEIGHTS ASSIGNED
	LIST OF FIRMS TO BE SOLICITED, IN ADDITION TO THE GENERAL PUBLIC
	UNSOLICITED PROPOSAL JUSTIFICATION
	JUSTIFICATION FOR NONCOMPETITIVE PROCUREMENT
	DESIGNATION OF MEMBERS TO SOURCE EVALUATION PANEL
	JUSTIFICATION FOR ACQUISITION OF CONSULTANT SERVICES, NRC FORM 400A
	SPECIAL REQUIREMENTS *(See NRC Appendix 5101, Exhibit 1, Page 5)*
	CONTROLLER'S APPROVAL OF A-76 DETERMINATION

13 ESTIMATED COST *(Attach cost-estimate breakdown)*

FISCAL YEAR CURRENT	SECOND	THIRD	TOTAL
*			

14. FUNDING This certifies that funds in the amount cited below are available in the current budget for the work described above

AMOUNT	NAME OF CERTIFYING OFFICIAL *(Typed and Signed)*	DATE

E & E NUMBER(S)	E & E AMOUNT(S)	FIN NUMBER(S)	FIN AMOUNT(S)	APPN NUMBER(S)

15 PROJECT OFFICER'S NAME	MAIL STOP	TELEPHONE NUMBER
W. Laudan	EWW 359	29759

16. APPROVAL OF DIRECTOR OR ASSIGNEE *(Type name on line, and have signature placed above typewriting)* — DATE

Alois J. Burda, III, Chief — 1/31/84

ORGANIZATION

Resource Management and Analysis Branch, Office of Inspection and Enforcement

17 REMARKS

*The estimated ceiling for Task Order #58 is $5,000 which is available from previously obligated funds.

FOR DIVISION OF CONTRACTS USE ONLY *Do not write below this line*

INITIAL ENTRY MADE INTO THE CIS PROS SYSTEM

WRITER'S NAME — DATE ENTERED

Alan Muir:

Per our telcon 1/27/84 enclosed please find R5 Work Statement for Diablo Canyon.

Please request the division of contracts to issue task order number TA-58 - "HDE Level III Examiner to assist Region 5 at Diablo Canyon."

The task starts on February 6, 1984 at Diablo.

The cost ceiling ~~is~~ is $5000.-

1/27/84 Wolfgang

Received 1/30/84

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

MEMORANDUM TO: Wolfgang Laudan Electrical Engineer, IE

FROM: H. L. Canter, Chief, Reactor Projects, Section 3, RV

SUBJECT: WORK STATEMENT FOR DIABLO CANYON 1/2 ALLEGATIONS

In keeping with past statements, I would like to request a contract be let with Parameter to hire a Level III versed in UT, MT, and DT to followup on NDE related allegations at the Diablo Canyon Nuclear Power Plants (Units 1 and 2).

The allegations are contained in Allegation Sets 2 and 3 which are in thepurvue of Dennis Kirsch, Branch Chief of the Reactor Safety Branch, RV.

I suggest that the consultant examine the allegations for substance and examine procedures for compliance with regulations, codes, standards and contract specifications. Procedure use with respect to 10 CFR 50, Appendix B; ASNT-TC-1A; ANS B31.1 and B31.7 - ASME Section V - 1968/71; ~~and~~ Contract Specifications; and, others are to be used for the compliance check.

I estimate a total time onsite for one consultant to be up to two weeks to accomplish this task.

Finally, I would like a written report of the consultant's findings within one week after the consultant leaves the site. The report is to be transmitted to the Regional Administrator, Mr. J. Martin.

Fax to Mr. Lauden @ EWW

Has been @ Diablo Before

I know him

Ken Ristau