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1 0 PURPOSE

To establish a uniform procedure for preparing and filing reports which are required by Sections 141 2 and 141 3 of General Order 112 D to be filed with the California Public Utilities Commission

2 0 DEFINITION OF REPORTABLE WORK

2 1 Construction of a new pipeline, or reconstruction or reconditioning of an existing pipeline that

*2 1 1 At the proposed Maximum Allowable Operating Pressure (MAOP), will operate at a hoop stress of 20/ or more of the specified minimum yield strength (SMYS) of the pipe, and

2 1 2 Will cost $250,000 (financial) or more

2 2 An increase in the maximum allowable operating pressure of pipeline systems as outlined below

2 2 1 Any uprating of a pipeline to a pressure which produces a hoop stress of 20/ or more of SMYS

2 2 2 An uprating of a distribution system from a MAOP of 60 psig or less to a MAOP greater than 60 psig

2 2 3 An uprating by conversion of a low pressure distribution system (one which operates at standard customer delivery pressure and therefore does not have service regulators) to a high pressure distribution system (any system which operates in excess of standard customer delivery pressure and therefore requires service regulators)

Exception This conversion of a segment of a distribution system serving 300 or fewer customers is not reportable when accomplished by connecting the service lines individually to a higher pressure main

*2 3 A decrease in the MAOP of a pipeline with an established MAOP at a hoop stress of 20/ or more of the SMYS of the pipe, regardless of whether the future MAOP is above or below a hoop stress of 20/ of the SMYS of the pipe

*Revised Paragraph

[redacted]

APPROVED BY		REV	DATE	DESCRIPTION	GM	DWN	CHKD	SUPV	APVD
BFO	RFD	7	7/24/90	Revised as indicated by *			BFO		
PAL		6	7/11/89	This standard was completely revised			BFO	JAC	
		5	8/28/86	Add Par. 5.10. Rev'd Par's 3.2, 3.3 & 5.4			BFO	PAL	CJT
	CJT								

GM	GENERAL - REQUIREMENTS WORK REPORTABLE TO THE CPUC GAS STANDARD	B/M	
SUPV		DWG. LIST	
DSGN.		SUPSDS	
DWN		SUPSD BY	
CHKD		SHEET NO.	1 of 6 SHEETS
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3 0 RESPONSIBILITY

3 1 The responsible engineer for the project shall determine whether the proposed work is reportable to the CPUC in accordance with the parameters specified in Section 2 0

3 2 The engineer or his designee shall prepare and assemble the reports and drawings specified in Section 4 0 to be provided with the 30 day written reports to the CPUC

3 3 The engineer or his designee shall be responsible for ensuring that all required reports and seven day notifications (Section 5 0) are made and processed in accordance with this standard and the requirements of G O 112 D

3 4 The Gas System Design Department shall be responsible for reviewing the 30 day written reports and transmitting the final reports for submission to the CPUC

3 5 Gas System Design shall issue a monthly report of the status of reports of reportable work One sheet of a sample of this report is included as Exhibit D for illustration The purpose of this log is to provide management with a monitoring document for tracking CPUC reports and related test data requested by the CPUC

3 6 The Regions/Divisions and Pipe Line Operations are responsible to provide timely feedback to Gas System Design relative to the current status of reportable projects under their respective jurisdiction, e g , scope and schedule changes

4 0 THIRTY DAY WRITTEN NOTIFICATION REPORTS TO THE CPUC

4 1 Reports for new construction, or reconstruction, or reconditioning must be submitted to the CPUC 30 days prior to commencement of construction These reports must be signed by the Vice President of Gas and Electric Technical Services In order to assure that the report is filed prior to the 30 day period it is necessary that the Gas System Design Department receive an accurate and complete report, in the specified format, no later than 45 days prior to the start of construction Late reports to the CPUC may require postponement of the start of construction or a letter to the CPUC explaining why the report was late

*4 1 1 These reports defined in Section 2 1 must contain the following information

o Job Title

*Revised paragraph

- Introductory paragraph referencing the section of G O 112 D requiring the report, and a brief description of the scope of work
- Description and purpose of the proposed work
- Specification of the pipe selected for installation
- Specified maximum allowable operating pressure for the proposed pipeline
- Test fluid and test pressure to be used during strength testing This sub section must refer to Gas Standard A 34 and A 37, as applicable Effects of elevation variations on test pressures must be defined on the strength test pressure report
- Protection of pipeline from hazards as indicated in Paragraphs 192 317 and 193 319 of G O 112 D
- Protection of pipeline from external corrosion
- Estimated financial cost of the project
- Estimated start of construction date
- A general arrangement drawing of the pipeline installation This drawing must show the route of the pipeline and identify the class locations and required design factors for each segment of the pipeline requiring different design factors
- A vicinity map showing the location of the work with respect to other well defined landmarks

A format of this report is illustrated in Exhibit A of the Appendix

4 1 2 It is not necessary to submit a set of construction drawings with the filing to the CPUC However, construction drawings should be available to the CPUC in the field, and it is desirable to have these drawings on a uniform format To accomplish this, the form and the necessary information should be as outlined below

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*4 1 2 1 Construction drawings must show plan and profile views of the pipeline All data called for on the drawing should be supplied Refer to Gas Standard A 34 for construction drawing content, format, technical review and professional engineering review requirements

*4 1 2 2 Two copies of the drawings shall be sent to Gas System Design for technical review One copy will be signed by the Manager of Gas System Design and returned to the Region responsible for the project The second copy will be kept on file in Gas System Design

4 2 Reports for uprate projects must be submitted to the CPUC 30 days prior to commencement of uprate These reports must be signed by the Vice President of Gas and Electric Technical Services In order to assure that the report is filed prior to the 30 day period, it is necessary that the Gas System Design Department receive an accurate and complete report, in the specified format no later than 45 days prior to the start of uprate Late reports to the CPUC may require postponement of the uprate, or a letter to the CPUC explaining why the report was late

4 2 1 These reports, defined in Section 2 2, must contain the following information

- o Job Title
- o Introductory paragraph referencing the section of G O 112 D requiring the report, and a brief description of the scope of work
- o Description and purpose of uprating
- o Specification of the pipe to be uprated, include age, physical condition and any leak history
- o Maximum allowable operating pressure before uprating and after uprating
- o Uprate Procedure Refer to G S A 34 2 for uprating from low pressure to high pressure For other upratings refer to General Order 112 D, Part II Subparts J K and L The uprate procedure may be submitted with the 30 day report, or separately If submitted separately, the procedure should be received by Gas System Design Department at least two weeks before the uprate so it can be received by the CPUC prior to the required 7 day verbal notification defined in Section 5 of this standard

*Revised paragraph

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- o Estimated date of uprating
- o A statement that the increased line pressure meets the requirements in G O 112 D
- o A drawing showing the general arrangement of the pipeline facilities to be uprated and the location of the work with respect to other well defined landmarks

The format of this report is illustrated in Exhibit 'B' of the Appendix

4 3 Reports for downrate projects must be submitted to the CPUC no later than 30 days after completion of downrate This report must be signed by the Vice President of Gas and Electric Technical Services In order to assure that the report is filed no later than the 30 day period, it is necessary that the Gas System Design Department receive an accurate and complete report no later than 15 days after the date of the downrate

4 3 1 These reports defined in Section 2 3, must contain the following information

- o Job Title
- o Introductory paragraph referencing the section of G O 112 D requiring the report and a brief description of the scope of work
- o Description and purpose of downrating
- o Specification of the downrated pipeline
- o Maximum allowable operating pressure before downrating and after downrating
- o Date of downrating
- o A statement that the decrease in line pressure meets the requirements of G O 112 D
- o A general arrangement drawing of the downrated pipeline
- o A vicinity map showing the location of the work with respect to other well defined landmarks

The format of this report is illustrated in Exhibit "C" of the Appendix

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5 0 SEVEN DAY VERBAL NOTIFICATION REPORT TO THE CPUC

5 1 Gas System Design must be advised seven days prior to the start of construction, the start of uprates and the conducting of any final hydrostatic tests associated with reportable jobs

5 2 Upon receipt of the verbal advise described above, Gas System Design will promptly notify the CPUC and simultaneously fill-out form I (entitled Verification of Verbal Notification to the CPUC') included in the appendix Gas System Design will then transmit a copy of Form I to the person making the notification in Paragraph 5 1

6 0 REFERENCES

6 1 General Order 112 D Latest edition issued by the CPUC

6 2 Gas Standard A 34 Design and Test Requirements

6 3 Gas Standard A 34 2 Uprating Procedures Low Pressure to High Pressure

6 4 Gas Standard A 37 Hydrotesting Procedure

APPENDIX

Form I	Verification of Verbal Notification to the CPUC
Exhibit "A"	Example of New Construction Report
Exhibit B	Example of An Uprating Project Report
Exhibit 'C	Example of a Downrating Project Report
Exhibit D	Sample Sheet from the CPUC Activity Log