

# 1999 Human Factors Information System Report for Plant Docket 275

Combined IR/ER/LER Report  
Docket: 50-275 DIABLO CANYON 1

Total Number of Hits in Date Range: 114  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 8			
Percent of total: 7.02			
53-Communication LT	O-Operations	Z-Other	50-275/1999002
	O-Operations		
53-Communication LT	O-Operations	Z-Other	50-275/1999002
	O-Operations		
53-Communication LT	O-Operations	Z-Other	50-275/1999002
	O-Operations		
51-Misunderstood /	F-Fuel Handling	R-Refueling	50-275/1999003
	F-Fuel Handling		
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-275/1999012
	D-Emergency Plannin		
53-Communication LT	D-Emergency Plannin	D-Emergency Drill	50-275/1999012
	D-Emergency Plannin		
54-No communication	O-Operations	M-Maint / Repair	50-275/1999014
	O-Operations		
52-Communication un	O-Operations	O-Control Room Ops	50-275/1999014
	O-Operations		

Communications ER  
Number of items: 0  
Percent of total: 0

Communications LER  
Number of items: 3  
Percent of total: 2.63

52-Communication un	I-Instrumentation & C-Calibration		50-275/199900200
	O-Operations		
52-Communication un	O-Operations	O-Control Room Ops	50-275/199900800
	O-Operations		
54-No communication	O-Operations	O-Control Room Ops	50-275/199900800
	O-Operations		

Human-System Interface and Environm IR  
Number of items: 1  
Percent of total: .88

76-Postings LTA	H-Health Physics	H-Health Physics	50-275/1998020
-----------------	------------------	------------------	----------------

Human-System Interface and Environm ER  
Number of items: 0  
Percent of total: 0

Human-System Interface and Environm LER  
Number of items: 0  
Percent of total: 0

Management and Supervision IR  
Number of items: 9  
Percent of total: 7.89

43-Operating Experi	O-Operations	Z-Other	50-275/1998018
---------------------	--------------	---------	----------------

Page: 1 Date:03/17/2000

Combined IR/ER/LER Report  
Docket: 50-275 DIABLO CANYON 1

Total Number of Hits in Date Range: 114  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 9			
Percent of Total: 7.89			
47-Root Cause LTA	G-Engineering	Z-Other	50-275/1998020
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-275/1999003

## Human Factors Information System Report

36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-275/1999003
41-Action not begun	G-Engineering	Z-Other	50-275/1999003
40-Individual Corre	G-Engineering	Z-Other	50-275/1999003
41-Action not begun	O-Operations	Z-Other	50-275/1999007
33-Management expec	I-Instrumentation &	M-Maint / Repair	50-275/1999012
33-Management expec	G-Engineering	B-Bal of Plant Ops	50-275/1999014

Management and Supervision ER  
 Number of items: 0  
 Percent of total: 0

Management and Supervision LER  
 Number of items: 0  
 Percent of total: 0

Organizational Issues IR  
 Number of items: 0  
 Percent of total: 0

Organizational Issues ER  
 Number of items: 0  
 Percent of total: 0

Organizational Issues LER  
 Number of items: 0  
 Percent of total: 0

Procedures and Reference Document IR  
 Number of items: 15  
 Percent of total: 13.16

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-275/1998017
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-275/1998018
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-275/1998020
12-Procedure techni	P-Procedure Writers	M-Maint / Repair	50-275/1998020
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-275/1999003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-275/1999003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-275/1999003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-275/1999003
12-Procedure techni	G-Engineering	G-Design	50-275/1999003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-275/1999004
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-275/1999006
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-275/1999006
13-Procedure has hu	G-Engineering	G-Design	50-275/1999012
11-No procedure / r	P-Procedure Writers	B-Bal of Plant Ops	50-275/1999014
11-No procedure / r	P-Procedure Writers	B-Bal of Plant Ops	50-275/1999014

Procedures and Reference Document ER  
 Number of items: 0  
 Percent of total: 0

Procedures and Reference Document LER  
 Number of items: 2  
 Percent of total: 1.75

12-Procedure techni	O-Operations	B-Bal of Plant Ops	50-275/199900100
---------------------	--------------	--------------------	------------------

Page: 2      Date:03/17/2000

Combined IR/ER/LER Report  
 Docket: 50-275 DIABLO CANYON 1

Total Number of Hits in Date Range: 114  
 From 01/01/1999 to 12/31/1999  
 2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

Procedures and Reference Document LER  
 Number of items: 2  
 Percent of Total: 1.75

13-Procedure has hu	O-Operations	S-Surveillance	50-275/199900500
---------------------	--------------	----------------	------------------

Training IR  
 Number of items: 8  
 Percent of total: 7.02

02-Training LTA	T-Training	Q-Fire Protection	50-275/1998020
02-Training LTA	T-Training	M-Maint / Repair	50-275/1999003
02-Training LTA	T-Training	O-Control Room Ops	50-275/1999004
05-Individual knowl	O-Operations	Q-Fire Protection	50-275/1999006
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-275/1999007
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-275/1999007
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-275/1999007
05-Individual knowl	G-Engineering	H-Health Physics	50-275/1999014

Training ER  
 Number of items: 0  
 Percent of total: 0

Training LER  
 Number of items: 3  
 Percent of total: 2.63

02-Training LTA	I-Instrumentation &	P-Procedure Dev	50-275/199900100
02-Training LTA	O-Operations	C-Calibration	50-275/199900200
02-Training LTA	T-Training	B-Bal of Plant Ops	50-275/199900800

## Work Factors IR

Number of items: 60

Percent of total: 52.63

83-Work practice or	M-Mechanical	A-Administrative	50-275/1998017
83-Work practice or	M-Mechanical	A-Administrative	50-275/1998017
83-Work practice or	M-Mechanical	A-Administrative	50-275/1998017
83-Work practice or	M-Mechanical	A-Administrative	50-275/1998017
83-Work practice or	M-Mechanical	A-Administrative	50-275/1998017
83-Work practice or	M-Mechanical	A-Administrative	50-275/1998017
85-Team interaction	O-Operations	M-Maint / Repair	50-275/1998018
85-Team interaction	O-Operations	M-Maint / Repair	50-275/1998018
92-Self check LTA	I-Instrumentation &	C-Calibration	50-275/1998018
91-Verification / p	I-Instrumentation &	C-Calibration	50-275/1998018
81-Work Package Qua	G-Engineering	F-Modification	50-275/1998018
81-Work Package Qua	G-Engineering	T-Testing	50-275/1998018
83-Work practice or	M-Mechanical	M-Maint / Repair	50-275/1998020
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-275/1998020
83-Work practice or	G-Engineering	M-Maint / Repair	50-275/1998020
83-Work practice or	M-Mechanical	A-Administrative	50-275/1998020
83-Work practice or	M-Mechanical	A-Administrative	50-275/1998020
81-Work Package Qua	G-Engineering	G-Design	50-275/1998020
83-Work practice or	U-Unknown	Q-Fire Protection	50-275/1998020
83-Work practice or	U-Unknown	Q-Fire Protection	50-275/1998020
93-Awareness or att	G-Engineering	F-Modification	50-275/1999001
93-Awareness or att	W-Work Control / Sc	F-Modification	50-275/1999001

Page: 3

Date:03/17/2000

## Combined IR/ER/LER Report

Docket: 50-275 DIABLO CANYON 1

Total Number of Hits in Date Range: 114

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

## Work Factors IR

Number of items: 60

Percent of Total: 52.63

93-Awareness or att	O-Operations	Z-Other	50-275/1999002
93-Awareness or att	T-Training	A-Administrative	50-275/1999002
83-Work practice or	O-Operations	O-Control Room Ops	50-275/1999003
83-Work practice or	F-Fuel Handling	R-Refueling	50-275/1999003
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-275/1999003
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-275/1999003
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-275/1999003
88-Tag outs LTA	O-Operations	A-Administrative	50-275/1999003
88-Tag outs LTA	O-Operations	A-Administrative	50-275/1999003
88-Tag outs LTA	O-Operations	A-Administrative	50-275/1999003
88-Tag outs LTA	O-Operations	A-Administrative	50-275/1999003
88-Tag outs LTA	O-Operations	A-Administrative	50-275/1999003
88-Tag outs LTA	O-Operations	A-Administrative	50-275/1999003
88-Tag outs LTA	O-Operations	A-Administrative	50-275/1999003
88-Tag outs LTA	O-Operations	A-Administrative	50-275/1999003
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-275/1999003
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-275/1999003
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-275/1999003
81-Work Package Qua	G-Engineering	F-Modification	50-275/1999003
83-Work practice or	C-Chemistry	B-Bal of Plant Ops	50-275/1999003
83-Work practice or	Z-Other	M-Maint / Repair	50-275/1999004
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-275/1999004
83-Work practice or	Z-Other	Q-Fire Protection	50-275/1999006
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-275/1999007
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-275/1999007
84-Non-conserv. dec	G-Engineering	P-Procedure Dev	50-275/1999007
84-Non-conserv. dec	G-Engineering	P-Procedure Dev	50-275/1999007
81-Work Package Qua	G-Engineering	F-Modification	50-275/1999012
83-Work practice or	M-Mechanical	M-Maint / Repair	50-275/1999014
93-Awareness or att	I-Instrumentation &	A-Administrative	50-275/1999014
93-Awareness or att	I-Instrumentation &	A-Administrative	50-275/1999014
93-Awareness or att	I-Instrumentation &	A-Administrative	50-275/1999014
91-Verification / p	O-Operations	S-Surveillance	50-275/1999014

## Human Factors Information System Report

84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-275/1999014
84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-275/1999014
93-Awareness or att	T-Training	Z-Other	50-275/1999301
93-Awareness or att	T-Training	Z-Other	50-275/1999301
93-Awareness or att	T-Training	Z-Other	50-275/1999301
93-Awareness or att	T-Training	Z-Other	50-275/1999301

## Work Factors ER

Number of items: 0  
Percent of total: 0

## Work Factors LER

Number of items: 5  
Percent of total: 4.39

93-Awareness or att	O-Operations	S-Surveillance	50-275/199900400
92-Self check LTA	O-Operations	S-Surveillance	50-275/199900500
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-275/199900800
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-275/199900800

Page: 4      Date:03/17/2000

## Combined IR/ER/LER Report

Docket: 50-275 DIABLO CANYON 1

Total Number of Hits in Date Range: 114

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

## Work Factors LER

Number of items: 5  
Percent of Total: 4.39

82-Briefing, prep.	O-Operations	O-Control Room Ops	50-275/199900800
--------------------	--------------	--------------------	------------------

Page: 5      Date:03/17/2000

**[End of File for Plant Docket 275 (1999)]**

---