

# 1999 Human Factors Information System Report for Plant Docket 352

Combined IR/ER/LER Report  
Docket: 50-352 LIMERICK 1

Total Number of Hits in Date Range: 81  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 3			
Percent of total: 3.7			
53-Communication LT	F-Fuel Handling	R-Refueling	50-352/1998009
	F-Fuel Handling		
52-Communication un	Z-Other	Z-Other	50-352/1998010
	Z-Other		
51-Misunderstood /	H-Health Physics	H-Health Physics	50-352/1999008
	H-Health Physics		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 0			
Percent of total: 0			
Human-System Interface and Environm IR			
Number of items: 0			
Percent of total: 0			
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: 7			
Percent of total: 8.64			
36-Scheduling and p	F-Fuel Handling	R-Refueling	50-352/1998009
48-Audits or proble	H-Health Physics	Z-Other	50-352/1998009
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-352/1999002
40-Individual Corre	G-Engineering	Z-Other	50-352/1999002
40-Individual Corre	O-Operations	Z-Other	50-352/1999002
40-Individual Corre	H-Health Physics	Z-Other	50-352/1999008
32-Supervision / co	F-Fuel Handling	Z-Other	50-352/1999302
Management and Supervision ER			
Number of items: 0			
Percent of total: 0			
Management and Supervision LER			
Number of items: 1			
Percent of total: 1.23			
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-352/199900400
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: 3			
Percent of total: 3.7			
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-352/1998009

Combined IR/ER/LER Report  
Docket: 50-352 LIMERICK 1

Total Number of Hits in Date Range: 81  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 3			
Percent of Total: 3.7			
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-352/1998009
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-352/1999005
Procedures and Reference Document ER			
Number of items: 0			
Percent of total: 0			
Procedures and Reference Document LER			
Number of items: 3			
Percent of total: 3.7			
12-Procedure techni	I-Instrumentation &	B-Bal of Plant Ops	50-352/199900600
12-Procedure techni	I-Instrumentation &	T-Testing	50-352/199900700
12-Procedure techni	M-Mechanical	M-Maint / Repair	50-352/199900800
Training IR			
Number of items: 1			
Percent of total: 1.23			
02-Training LTA	T-Training	H-Health Physics	50-352/1999003
Training ER			
Number of items: 2			
Percent of total: 2.47			
02-Training LTA	T-Training	Z-Other	50-352/1999301
02-Training LTA	T-Training	Z-Other	50-352/1999301
Training LER			
Number of items: 0			
Percent of total: 0			
Work Factors IR			
Number of items: 41			
Percent of total: 50.62			
83-Work practice or	F-Fuel Handling	R-Refueling	50-352/1998009
91-Verification / p	F-Fuel Handling	P-Procedure Dev	50-352/1998009
91-Verification / p	P-Procedure Writers	P-Procedure Dev	50-352/1998009
85-Team interaction	F-Fuel Handling	R-Refueling	50-352/1998009
85-Team interaction	F-Fuel Handling	R-Refueling	50-352/1998009
83-Work practice or	Q-QA/QC	R-Refueling	50-352/1998009
84-Non-conserv. dec	F-Fuel Handling	R-Refueling	50-352/1998009
83-Work practice or	H-Health Physics	H-Health Physics	50-352/1998009
83-Work practice or	F-Fuel Handling	H-Health Physics	50-352/1998009
83-Work practice or	F-Fuel Handling	H-Health Physics	50-352/1998009
83-Work practice or	H-Health Physics	H-Health Physics	50-352/1998009
93-Awareness or att	H-Health Physics	H-Health Physics	50-352/1998009
93-Awareness or att	H-Health Physics	H-Health Physics	50-352/1998009
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-352/1998010
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-352/1999002
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-352/1999002
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-352/1999002
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-352/1999002

Page: 2      Date:03/17/2000

Combined IR/ER/LER Report  
Docket: 50-352 LIMERICK 1

Total Number of Hits in Date Range: 81  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 41			
Percent of Total: 50.62			
91-Verification / p	Z-Other	Q-Fire Protection	50-352/1999002
93-Awareness or att	O-Operations	Q-Fire Protection	50-352/1999002
83-Work practice or	E-Electrical	M-Maint / Repair	50-352/1999002
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-352/1999002
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-352/1999002

## Human Factors Information System Report

89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-352/1999002
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-352/1999002
93-Awareness or att	U-Unknown	K-Housekeeping	50-352/1999002
89-Housekeeping LTA	U-Unknown	Q-Fire Protection	50-352/1999002
83-Work practice or	G-Engineering	Z-Other	50-352/1999002
81-Work Package Qua	G-Engineering	Z-Other	50-352/1999002
83-Work practice or	Z-Other	Q-Fire Protection	50-352/1999002
83-Work practice or	H-Health Physics	H-Health Physics	50-352/1999003
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-352/1999005
93-Awareness or att	H-Health Physics	H-Health Physics	50-352/1999008
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-352/1999008
93-Awareness or att	T-Training	Z-Other	50-352/1999302
93-Awareness or att	T-Training	Z-Other	50-352/1999302
93-Awareness or att	T-Training	Z-Other	50-352/1999302
93-Awareness or att	T-Training	Z-Other	50-352/1999302
93-Awareness or att	T-Training	Z-Other	50-352/1999302
93-Awareness or att	F-Fuel Handling	Z-Other	50-352/1999302
93-Awareness or att	T-Training	A-Administrative	50-352/1999302

## Work Factors ER

Number of items: 7

Percent of total: 8.64

91-Verification / p	T-Training	Z-Other	50-352/1999301
93-Awareness or att	T-Training	Z-Other	50-352/1999301
93-Awareness or att	T-Training	Z-Other	50-352/1999301
93-Awareness or att	T-Training	Z-Other	50-352/1999301
93-Awareness or att	T-Training	Z-Other	50-352/1999301
93-Awareness or att	T-Training	Z-Other	50-352/1999301
93-Awareness or att	T-Training	Z-Other	50-352/1999301

## Work Factors LER

Number of items: 13

Percent of total: 16.05

92-Self check LTA	P-Procedure Writers	P-Procedure Dev	50-352/199900200
91-Verification / p	P-Procedure Writers	P-Procedure Dev	50-352/199900200
91-Verification / p	W-Work Control / Sc	M-Maint / Repair	50-352/199900400
92-Self check LTA	O-Operations	T-Testing	50-352/199900500
84-Non-conserv. dec	O-Operations	T-Testing	50-352/199900500
87-Non-conservative	O-Operations	B-Bal of Plant Ops	50-352/199900600
92-Self check LTA	I-Instrumentation &	T-Testing	50-352/199900700
88-Tag outs LTA	W-Work Control / Sc	M-Maint / Repair	50-352/199901200
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-352/199901200
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-352/199901200
88-Tag outs LTA	W-Work Control / Sc	M-Maint / Repair	50-352/199901200
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-352/199901200

Page: 3

Date:03/17/2000

## Combined IR/ER/LER Report

Docket: 50-352 LIMERICK 1

Total Number of Hits in Date Range: 81

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

2x National Average: 226

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

## Work Factors LER

Number of items: 13

Percent of Total: 16.05

88-Tag outs LTA	O-Operations	M-Maint / Repair	50-352/199901200
-----------------	--------------	------------------	------------------

Page: 4

Date:03/17/2000

[End of File for Plant Docket 352 (1999)]