Combined IR/ER/LER Report Docket: 50-272 SALEM 1

1998 Human Factors Information System Report for Plant Docket 272

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Total Number of Hits in Date Range: 184
     From 01/01/1998 to 12/31/1998
     2x National Average: 255
                    Department
                                        Work Type
                                                       Docket/Report
Communications IR
Number of items: 6
Percent of total: 3.26
52-Communication un O-Operations
                                        O-Control Room Ops 50-272/1997021
                    O-Operations
53-Communication LT O-Operations
                                        O-Control Room Ops 50-272/1998001
                    O-Operations
55-Communication Eq D-Emergency Plannin D-Emergency Drill
                    D-Emergency Plannin
53-Communication LT W-Work Control / Sc M-Maint / Repair
                                                            50-272/1998003
                    W-Work Control / Sc
55-Communication Eq D-Emergency Plannin D-Emergency Drill
                                                            50-272/1998006
                   D-Emergency Plannin
53-Communication LT G-Engineering
                                        A-Administrative
                                                            50-272/1998081
                    G-Engineering
                    G-Engineering
Communications ER
Number of items: 0
Percent of total: 0
Communications LER
Number of items: 2
Percent of total: 1.09
54-No communication O-Operations
                                        O-Control Room Ops 50-272/199800600
                    O-Operations
54-No communication G-Engineering
                                        F-Modification
                                                            50-311/199800601
                    G-Engineering
Human-System Interface and Environm IR
Number of items: 3
Percent of total: 1.63
76-Postings LTA
                   H-Health Physics
                                        H-Health Physics
                                                            50-272/1997021
76-Postings LTA
                   H-Health Physics
                                        H-Health Physics
                                                            50-272/1997021
61-Labels LTA
                    O-Operations
                                        B-Bal of Plant Ops 50-272/1998005
Human-System Interface and Environm ER
Number of items: 0
Percent of total: 0
Human-System Interface and Environm LER
Number of items: 2
Percent of total: 1.09
                   I-Instrumentation & Z-Other
61-Labels LTA
                                                            50-272/199800501
66-HSI does not exi P-Procedure Writers P-Procedure Dev
                                                            50-272/199800700
Management and Supervision IR
Number of items: 31
Percent of total: 16.85
                                                            50-272/1997021
40-Individual Corre G-Engineering
                                        Z-Other
41-Action not begun E-Electrical
                                                            50-272/1998001
                                        Z-Other
          Page: 1
                        Date:01/13/1999
          Combined IR/ER/LER Report
         Docket: 50-272 SALEM 1
    Total Number of Hits in Date Range: 184
     From 01/01/1998 to 12/31/1998
     2x National Average: 255
Details
                                        Work Type
                                                            Docket/Report
                    Department
Management and Supervision IR
Number of items: 31
Percent of Total: 16.85
                                                            50-272/1998001
42-No action planne O-Operations
                                        Z-Other
32-Supervision / co G-Engineering
                                                            50-272/1998001
                                        G-Design
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Human Factors Information System Report

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40-Individual Corre G-Engineering
                                        Z-Other
                                                             50-272/1998001
32-Supervision / co M-Mechanical
32-Supervision / co M-Mechanical
                                        M-Maint / Repair
M-Maint / Repair
                                                             50-272/1998003
                                                             50-272/1998003
41-Action not begun D-Emergency Plannin D-Emergency Drill
                                                             50-272/1998003
40-Individual Corre G-Engineering
                                   Z-Other
                                                             50-272/1998005
                                        B-Bal of Plant Ops 50-272/1998005
32-Supervision / co C-Chemistry
                                                             50-272/1998006
48-Audits or proble O-Operations
                                       Z-Other
40-Individual Corre M-Mechanical
                                       Z-Other
                                                             50-272/1998006
40-Individual Corre E-Electrical
                                        Z-Other
                                                            50-272/1998008
                                       Z-Other
40-Individual Corre E-Electrical
                                                            50-272/1998008
40-Individual Corre E-Electrical
                                       Z-Other
                                                            50-272/1998008
40-Individual Corre E-Electrical
                                       Z-Other
                                                            50-272/1998008
40-Individual Corre E-Electrical
                                        Z-Other
                                                            50-272/1998008
                                       G-Design
32-Supervision / co G-Engineering
                                                            50-272/1998008
33-Management expec B-Plant Management Z-Other
                                                           50-272/1998081
44-Corrective Actio G-Engineering Z-Other
                                                            50-272/1998081
32-Supervision / co G-Engineering
                                        Z-Other
                                                            50-272/1998081
44-Corrective Actio G-Engineering
                                      Z-Other
                                                          50-272/1998081
                                      Z-Other
44-Corrective Actio G-Engineering
                                                          50-272/1998081
                                        Z-Other
44-Corrective Actio G-Engineering
                                                            50-272/1998081
44-Corrective Actio G-Engineering
                                       Z-Other
                                                           50-272/1998081
48-Audits or proble Q-QA/QC
                                        Z-Other
                                                            50-272/1998081
40-Individual Corre G-Engineering
                                        Z-Other
                                                            50-272/1998081
                                        K-Housekeeping 50-272/1998081
G-Design 50-272/1998081
33-Management expec M-Mechanical
41-Action not begun G-Engineering
44-Corrective Actio G-Engineering
                                        Z-Other
                                                            50-272/1998081
40-Individual Corre G-Engineering
                                        Z-Other
                                                            50-272/1998081
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Management and Supervision ER

Number of items: 0 Percent of total: 0

Management and Supervision LER

Number of items: 6 Percent of total: 3.26

40-Individual Corre G-Engineering G-Design 50-272/199800401 40-Individual Corre H-Health Physics P-Procedure Dev 50-272/199800401 48-Audits or proble H-Health Physics Z-Other 50-272/199800401 32-Supervision / co B-Plant Management A-Administrative 50-272/199800401 36-Scheduling and p I-Instrumentation & M-Maint / Repair 50-272/199800501 36-Scheduling and p W-Work Control / Sc M-Maint / Repair 50-272/199800501

Organizational Issues IR Number of items: 5 Percent of total: 2.72

22-Poor Task Alloca I-Instrumentation & C-Calibration 50-272/1998003 21-Staffing LTA I-Instrumentation & M-Maint / Repair 50-272/1998003 22-Poor Task Alloca G-Engineering G-Design 50-272/1998081 Date:01/13/1999 Page: 2

> Combined IR/ER/LER Report Docket: 50-272 SALEM 1

Total Number of Hits in Date Range: 184

From 01/01/1998 to 12/31/1998 2x National Average: 255

Details Department Work Type Docket/Report

Organizational Issues IR Number of items: 5 Percent of Total: 2.72

O-Operations A-Administrative 50-272/1998081 21-Staffing LTA 21-Staffing LTA G-Engineering M-Maint / Repair 50-272/1998081

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: 14 Percent of total: 7.61

12-Procedure techni G-Engineering G-Design 50-272/1997021 12-Procedure techni G-Engineering G-Design 50-272/1997021 11-No procedure / r H-Health Physics H-Health Physics 50-272/1997021 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-272/1998003 14-Document develop D-Emergency Plannin P-Procedure Dev 50-272/1998003 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-272/1998005

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Human Factors Information System Report
12-Procedure techni G-Engineering
                                       G-Design
                                                           50-272/1998005
11-No procedure / r H-Health Physics
                                       H-Health Physics
                                                           50-272/1998005
12-Procedure techni H-Health Physics
                                       H-Health Physics
                                                           50-272/1998005
13-Procedure has hu P-Procedure Writers P-Procedure Dev
                                                           50-272/1998006
13-Procedure has hu G-Engineering
                                                           50-272/1998007
                                       G-Design
13-Procedure has hu P-Procedure Writers P-Procedure Dev
                                                           50-272/1998008
                                                           50-272/1998081
12-Procedure techni G-Engineering
                                  G-Design
12-Procedure techni G-Engineering
                                       G-Design
                                                           50-272/1998081
Procedures and Reference Document ER
Number of items: 0
Percent of total: 0
Procedures and Reference Document LER
Number of items: 5
Percent of total: 2.72
14-Document develop I-Instrumentation & T-Testing
                                                           50-272/199800300
12-Procedure techni C-Chemistry H-Health Physics
                                                           50-272/199800401
14-Document develop B-Plant Management A-Administrative
                                                           50-272/199800401
12-Procedure techni O-Operations
                                 B-Bal of Plant Ops 50-272/199801200
13-Procedure has hu P-Procedure Writers P-Procedure Dev
                                                           50-272/199801300
Training IR
Number of items: 6
Percent of total: 3.26
                                       H-Health Physics
02-Training LTA
                   T-Training
                                                           50-272/1997021
                                                           50-272/1997021
02-Training LTA
                   T-Training
                                       H-Health Physics
                                                           50-272/1997021
05-Individual knowl D-Emergency Plannin D-Emergency Drill
05-Individual knowl C-Chemistry B-Bal of Plant Ops 50-272/1998003
                   T-Training
                                       Z-Other
                                                           50-272/1998008
02-Training LTA
          Page: 3
                        Date: 01/13/1999
          Combined IR/ER/LER Report
         Docket: 50-272 SALEM 1
     Total Number of Hits in Date Range: 184
     From 01/01/1998 to 12/31/1998
     2x National Average: 255
Details
                   Department
                                      Work Type
                                                           Docket/Report
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Training IR Number of items: 6 Percent of Total: 3 05-Individual knowl		Z-Other	50-272/1998081
Training ER Number of items: 1 Percent of total: .5 02-Training LTA	4 T-Training	Z-Other	50-272/1998302
Training LER Number of items: 6 Percent of total: 3.	26		
02-Training LTA	E-Electrical	P-Procedure Dev	50-272/199800401
02-Training LTA	O-Operations	T-Testing	50-272/199800501
02-Training LTA	O-Operations	T-Testing	50-272/199800501
02-Training LTA	M-Mechanical	M-Maint / Repair	50-272/199800501
05-Individual knowl	O-Operations	M-Maint / Repair	50-272/199801300
02-Training LTA '	T-Training	M-Maint / Repair	50-272/199801300
Work Factors IR Number of items: 75 Percent of total: 40 83-Work practice or 6		T-Testing	50-272/1997021
83-Work practice or		T-Testing	50-272/1997021
83-Work practice or	5 5	T-Testing	50-272/1997021
83-Work practice or	5 5	T-Testing	50-272/1997021
83-Work practice or	5 5	G-Design	50-272/1997021
81-Work Package Qua	5 5	G-Design	50-272/1997021
85-Team interaction	_	M-Maint / Repair	50-272/1997021
81-Work Package Qua		Z-Other	50-272/1997021
83-Work practice or		A-Administrative	50-272/1997021
83-Work practice or		H-Health Physics	50-272/1997021
91-Verification / p	D-Emergency Plannin	D-Emergency Drill	50-272/1997021
93-Awareness or att	O-Operations	O-Control Room Ops	50-272/1998001
93-Awareness or att	-	O-Control Room Ops	50-272/1998001
93-Awareness or att	O-Operations	O-Control Room Ops	50-272/1998001
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-272/1998001
83-Work practice or	O-Operations	O-Control Room Ops	50-272/1998001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-272/1998001
91-Verification / p	E-Electrical	M-Maint / Repair	50-272/1998001

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83-Work practice or E-Electrical
                                          M-Maint / Repair
                                                               50-272/1998001
84-Non-conserv. dec O-Operations
                                         O-Control Room Ops 50-272/1998001
85-Team interaction O-Operations
                                         Z-Other
                                                               50-272/1998001
                                        O-Control Room Ops 50-272/1998003
85-Team interaction G-Engineering
83-Work practice or G-Engineering
                                        O-Control Room Ops 50-272/1998003
85-Team interaction G-Engineering
                                         T-Testing
                                                               50-272/1998003
                                                               50-272/1998003
85-Team interaction O-Operations
                                         T-Testing
84-Non-conserv. dec O-Operations
                                        M-Maint / Repair
                                                               50-272/1998003
                   c M-Mechanical M-Maint / Repair
I-Instrumentation & M-Maint / Repair
84-Non-conserv. dec M-Mechanical
                                                               50-272/1998003
88-Tag outs LTA
                                                               50-272/1998003
84-Non-conserv. dec O-Operations M-Maint / Repair 84-Non-conserv. dec G-Engineering T-Testing
                                                               50-272/1998003
                                                              50-272/1998004
                         Date:01/13/1999
          Page: 4
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Combined IR/ER/LER Report Docket: 50-272 SALEM 1

Total Number of Hits in Date Range: 184 From 01/01/1998 to 12/31/1998 2x National Average: 255

Number of items: 75	Details	Department	Work Type	Docket/Report			
## Percent of Total: 40.76 ## 83-Work practice or G-Engineering ## 83-Work practice or G-Derations ## 83-Work practice or G-Mechanical ## 83-Work practice or G-Mechanical ## 83-Work practice or G-Mechanical ## 83-Work practice or G-Derations ## 83-Work practice or G-Derations ## 83-Work practice or G-Engineering ## 83-Work practice or G-Derations ## 84-Non-conserv. dec G-Departions ## 83-Work untimely ## 93-Awareness or att A-Administrative ## 83-Awareness or att A-Departions ## 84-Tag outs LTA ## Work Control / So ## 88-Tag outs LTA ## Work Control / So ## 88-Tag outs LTA ## Mechanical ## M-Mechanical ## M-	Work Factors IR						
83-Work practice or G-Engineering G-Design 50-272/1998004 83-Work practice or G-Engineering G-Design 50-272/1998004 83-Work practice or G-Engineering G-Design 50-272/1998004 93-Awareness or att 0-Operations B-Bal of Plant Ops 50-272/1998005 93-Awareness or att 0-Operations B-Bal of Plant Ops 50-272/1998005 93-Awareness or att 0-Operations M-Maint / Repair 50-272/1998005 93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 93-Awareness or att G-Operations M-Maint / Repair 50-272/1998005 93-Awareness or att G-Deprations M-Maint / Repair 50-272/1998005 93-Awareness or att Z-Other G-Engineering A-Administrative 50-272/1998005 93-Awareness or att Z-Other Z-Other S-Administrative 50-272/1998005 93-Awareness or att D-Operations B-Bal of Plant Ops 50-272/1998005 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or att G-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or att G-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or att G-Engineering A-Administrative 50-272/1998006 93-Awareness or att G-Engineering A-Administrative 50-272/1998006 93-Awareness or att G-Engineering G-Design 50-272/1998008 93-Work practice or G-Engineering G-Design 50-272/1998008 93-Work practice or G-Engineering A-Administrative 50-272/1998008 93-Work practice	Number of items: 7	5					
83-Work practice or G-Engineering G-Design 50-272/1998004 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998005 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998005 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998005 93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 94-Log-keeping or r O-Operations A-Administrative 50-272/1998005 93-Awareness or att G-Engineering G-Design G-Maint / Repair 50-272/1998005 93-Awareness or att Z-Other A-Administrative 50-272/1998005 93-Awareness or att Z-Other A-Administrative 50-272/1998005 93-Awareness or att Z-Other A-Administrative 50-272/1998005 93-Awareness or att O-Operations A-Administrative 50-272/1998005 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998005 93-Awareness or att O-Operations A-Administrative 50-272/1998005 93-Awareness or att O-Operations A-Administrative 50-272/1998006 93-Awareness or att O-Operations A-Administrative 50-272/1998006 86-Work untimely O-Operations A-Administrative 50-272/1998006 88-Tag outs LTA M-Weck Control / Sc M-Maint / Repair 50-272/1998006 88-Tag outs LTA M-Mechanical M-Maint / Repair 50-272/1998006 88-Tag outs LTA M-Mechanical M-Maint / Repair 50-272/1998006 93-Awareness or att G-Engineering A-Administrative 50-272/1998006 93-Awareness or att G-Engineering F-Modification 50-272/1998006 93-Awareness or att G-Engineering G-Design 50-272/1998006 83-Work practice or T-Training Z-Other 50-272/1998008 83-Work practice or G-Engineering G-Design 50-272/1998008 83-Work practice or G-Engineering A-Administrative 50-272/1998008 83-Work practice or G-Engineering A-A	Percent of Total: 4	0.76					
83-Awareness or att	83-Work practice or	G-Engineering	G-Design	50-272/1998004			
93-Awareness or att O-Operations	83-Work practice or	G-Engineering	G-Design	50-272/1998004			
33-Awareness or att O-Operations B-Bal of Plant Ops	83-Work practice or	G-Engineering	G-Design	50-272/1998004			
83-Work practice or M-Mechanical M-Maint / Repair 50-272/1998005 93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 92-Briefing, prep. O-Operations M-Maint / Repair 50-272/1998005 82-Briefing, prep. O-Operations M-Maint / Repair 50-272/1998005 83-Work practice or G-Engineering A-Administrative 50-272/1998005 93-Awareness or att A-Administrative Su A-Administrative 50-272/1998005 93-Awareness or att Z-Other Z-Other 50-272/1998005 93-Awareness or att Z-Other 50-272/1998005 93-Awareness or att O-Operations A-Administrative 50-272/1998006 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or att O-Operations A-Administrative 50-272/1998006 93-Awareness or att G-Engineering F-Modification 50-272/1998006 93-Awareness or att G-Engineering F-Modification 50-272/1998006 93-Awareness or att G-Engineering F-Modification 50-272/1998006 93-Awareness or att G-Engineering G-Design 50-272/1998006 93-Awareness or att G-Engineering G-Design 50-272/1998008 93-Work practice or I-Instrumentation & S-Surveillance 50-272/1998008 93-Work practice or G-Engineering G-Design 50-272/1998008 93-Work practice or G-Engineering A-Administrative 50-272/1998008 93-Work practice or G-Engineering A-Administrative 50-2	93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-272/1998005			
## B-Housekeeping LTA E-Electrical M-Maint / Repair 50-272/1998005 93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 94-Log-keeping or r O-Operations M-Maint / Repair 50-272/1998005 93-Work practice or G-Engineering M-Maint / Repair 50-272/1998005 93-Work practice or G-Engineering G-Design 50-272/1998005 93-Work practice or G-Engineering G-Design 50-272/1998005 93-Awareness or att A-Administrative Su A-Administrative 50-272/1998005 93-Awareness or att Z-Other Z-Other 50-272/1998005 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or att O-Operations B-Bal of Plant Ops 50-272/1998006 93-Awareness or Amain M-Machanical M-Maint / Repair 50-272/1998006 98-Tag outs LTA M-Mechanical M-Maint / Repair 50-272/1998006 98-Work Package Qua G-Engineering A-Administrative 50-272/1998006 93-Awareness or att G-Engineering F-Modification 50-272/1998006 93-Awareness or att G-Engineering G-Design 50-272/1998008 93-Work practice or T-Training Z-Other 50-272/1998008 93-Work practice or G-Engineering G-Design 50-272/1998008 93-Work practice or G-Engineering G-Design 50-272/1998008 93-Work practice or G-Engineering A-Administrative 50-272/1998008 93-Work practice or G-Engineering A-Administr	93-Awareness or att	O-Operations		50-272/1998005			
93-Awareness or att E-Electrical M-Maint / Repair 50-272/1998005 94-Log-keeping or r O-Operations M-Maint / Repair 50-272/1998005 94-Log-keeping or r O-Operations A-Administrative 50-272/1998005 93-Awareness or act or G-Engineering G-Design 50-272/1998005 93-Awareness or att A-Administrative Su-272/1998005 93-Awareness or act Z-Other Z-Other Z-Other So-272/1998005 93-Awareness or act Z-Other Z-Other So-272/1998005 93-Awareness or act Z-Other Z-Other So-272/1998005 93-Awareness or act O-Operations B-Bal of Plant Ops So-272/1998006 93-Awareness or act O-Operations B-Bal of Plant Ops So-272/1998006 93-Awareness or act O-Operations A-Administrative So-272/1998006 93-Awareness or act O-Operations A-Administrative So-272/1998006 93-Awareness or act O-Operations M-Maint / Repair So-272/1998006 93-Awareness or act G-Engineering A-Administrative So-272/1998006 93-Awareness or act G-Engineering G-Design So-272/1998006 93-Awareness or act G-Engineering G-Design So-272/1998008 93-Work Package Qua G-Engineering G-Design So-272/1998008 93-Work practice or G-Engineering G-Design So-272/1998008 93-Work practice or G-Engineering G-Design So-272/1998008 93-Work practice or G-Engineering G-Design So-272/1998008 93-Awareness or act G-Engineering G-Design So-272/1998008 93-Work practice or G-En	83-Work practice or	M-Mechanical	M-Maint / Repair	50-272/1998005			
82-Briefing, prep. O-Operations M-Maint / Repair 50-272/1998005 94-Log-keeping or r O-Operations A-Administrative 50-272/1998005 83-Work practice or G-Engineering M-Maint / Repair 50-272/1998005 83-Work practice or G-Engineering A-Administrative 50-272/1998005 93-Awareness or att A-Administrative Su A-Administrative 50-272/1998005 93-Awareness or att Z-Other Z-Other 50-272/1998005 84-Non-conserv. dec B-Plant Management A-Administrative 50-272/1998005 82-Briefing, prep. O-Operations B-Bal of Plant Ops 50-272/1998006 83-Tag outs LTA W-Work Control / Sc M-Maint / Repair 50-272/1998006 88-Tag outs LTA W-Work Control / Sc M-Maint / Repair 50-272/1998006 88-Tag outs LTA M-Mechanical M-Maint / Repair 50-272/1998006 88-Work untimely G-Engineering A-Administrative 50-272/1998006 93-Awareness or att G-Engineering A-Administrative 50-272/1998006 93-Awareness or att G-Engineering F-Modification 50-272/1998006 93-Awareness or att G-Engineering F-Modification 50-272/1998006 81-Work Package Qua G-Engineering F-Modification 50-272/1998006 81-Work Package Qua G-Engineering G-Design 50-272/1998008 83-Work practice or T-Training Z-Other 50-272/1998008 83-Work practice or G-Engineering G-Design 50-272/1998008 83-Work practice or G-Engineering A-Administrative 50-272/1998081 83-Work practice or G-Engineering A-Administrative 50-272/1998081 83-Work practice or G-Engi	89-Housekeeping LTA	E-Electrical	M-Maint / Repair	50-272/1998005			
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83-Work practice or G-Engineering G-Design 50-272/1998008 93-Awareness or att O-Operations O-Control Room Ops 50-272/1998008 91-Verification / p G-Engineering G-Design 50-272/1998008 83-Work practice or I-Instrumentation & C-Calibration 50-272/1998008 84-Non-conserv. dec G-Engineering Z-Other 50-272/1998081 83-Work practice or G-Engineering A-Administrative 50-272/1998081 83-Work practice or O-Operations A-Administrative 50-272/1998081 83-Work practice or O-Operations A-Administrative 50-272/1998081 83-Work practice or G-Engineering A-Administrative 50-272/1998081 86-Work untimely G-Engineering A-Administrative 50-272/1998081 83-Work practice or G-Engineering A-Administrative 50-272/1998081 83-Work practice or G-Engineering A-Administrative 50-272/1998081 Work Factors ER Number of items: 4 Percent of total: 2.17 81-Work Package Qua T-Training Z-Other 50-272/1998302							
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83-Work practice or G-Engineering A-Administrative 50-272/1998081 Work Factors ER Number of items: 4 Percent of total: 2.17 81-Work Package Qua T-Training Z-Other 50-272/1998302			A-Administrative	50-272/1998081			
Work Factors ER Number of items: 4 Percent of total: 2.17 81-Work Package Qua T-Training Z-Other 50-272/1998302	86-Work untimely	G-Engineering	A-Administrative	50-272/1998081			
Number of items: 4 Percent of total: 2.17 81-Work Package Qua T-Training Z-Other 50-272/1998302	83-Work practice or	G-Engineering	A-Administrative	50-272/1998081			
Number of items: 4 Percent of total: 2.17 81-Work Package Qua T-Training Z-Other 50-272/1998302	Work Factors ER						
Percent of total: 2.17 81-Work Package Qua T-Training Z-Other 50-272/1998302							
81-Work Package Qua T-Training Z-Other 50-272/1998302		.17					
			Z-Other	50-272/1998302			
			9				

Combined IR/ER/LER Report Docket: 50-272 SALEM 1

Total Number of Hits in Date Range: 184 From 01/01/1998 to 12/31/1998 2x National Average: 255

Details Department Work Type Docket/Report

Work Factors ER Number of items: 4			
Percent of Total: 2	.17		
83-Work practice or	T-Training	Z-Other	50-272/1998302
83-Work practice or	T-Training	Z-Other	50-272/1998302
93-Awareness or att	T-Training	Z-Other	50-272/1998302
Work Factors LER			
Number of items: 18	3		
Percent of total: 9	.78		
83-Work practice or	G-Engineering	G-Design	50-272/199800401
91-Verification / p	O-Operations	T-Testing	50-272/199800501
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-272/199800501
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-272/199800501
83-Work practice or	O-Operations	T-Testing	50-272/199800501
93-Awareness or att	O-Operations	O-Control Room Ops	50-272/199800600
93-Awareness or att	O-Operations	O-Control Room Ops	50-272/199800600
93-Awareness or att	O-Operations	O-Control Room Ops	50-272/199800600
85-Team interaction	O-Operations	O-Control Room Ops	50-272/199800600
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-272/199800600
83-Work practice or	M-Mechanical	F-Modification	50-272/199800800
83-Work practice or	M-Mechanical	P-Procedure Dev	50-272/199800900
83-Work practice or	G-Engineering	P-Procedure Dev	50-272/199801100
92-Self check LTA	P-Procedure Writers	P-Procedure Dev	50-272/199801200
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-272/199801200
82-Briefing, prep.	M-Mechanical	M-Maint / Repair	50-272/199801300
81-Work Package Qua	G-Engineering	F-Modification	50-311/199800601
84-Non-conserv. dec	I-Instrumentation &	F-Modification	50-311/199800601
Page: 6	Date:01/13/1999	9	
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[End of File for Plant Docket 272 (1998)]