

PMFermiCOLPEm Resource

From: Wentzel, Michael
Sent: Monday, February 23, 2009 11:31 AM
To: Hale, Jerry
Subject: Fermi Four Phase Schedule
Attachments: Fermi Four Phase Schedule.xls

Jerry,

Attached is the four phase schedule for Fermi. If you have any questions, please let me know.

Thanks,
Mike

Michael Wentzel
Project Manager
NRO/DNRL/NPLS
(301) 415-6459
michael.wentzel@nrc.gov

Hearing Identifier: Fermi_COL_Public
Email Number: 425

Mail Envelope Properties (419623E8C7444444BF132DA3AE69EDA219925A9B87)

Subject: Fermi Four Phase Schedule
Sent Date: 2/23/2009 11:30:33 AM
Received Date: 2/23/2009 11:30:29 AM
From: Wentzel, Michael

Created By: Michael.Wentzel@nrc.gov

Recipients:
"Hale, Jerry" <Jerry.Hale@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	287	2/23/2009 11:30:29 AM
Fermi Four Phase Schedule.xls	239098	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Pro

ID

- 1
- 2
- 3
- 4**
- 5**
- 6
- 7**
- 8**
- 9**
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22**
- 23
- 24**
- 25**
- 26
- 27
- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47

48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200

201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251

252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302

303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353

354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404

405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455

456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506

507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557

558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608

609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659

660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710

711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761

762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812

813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863

864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914

915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965

966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016

1017
1018
1019
1020
1021
1022
1023
1024
1025
1026
1027
1028
1029
1030
1031
1032
1033
1034
1035
1036
1037
1038
1039
1040
1041
1042
1043
1044
1045
1046
1047
1048
1049
1050
1051
1052
1053
1054
1055
1056
1057
1058
1059
1060
1061
1062
1063
1064
1065
1066
1067

1068
1069
1070
1071
1072
1073
1074
1075
1076
1077
1078
1079
1080
1081
1082
1083
1084
1085
1086
1087
1088
1089
1090
1091
1092
1093
1094
1095
1096
1097
1098
1099
1100
1101
1102
1103
1104
1105
1106
1107
1108
1109
1110
1111
1112
1113
1114
1115
1116
1117
1118

1119
1120
1121
1122
1123
1124
1125
1126
1127
1128
1129
1130
1131
1132
1133
1134

User f
Times

Project Details: ESBWR_FERMI_SCOL_FOUR_PHASE

Task Name

Acceptance Decision

- Acceptance Decision to Proceed with Safety Review
- Acceptance Decision to Proceed with Environmental Review

Safety Review

Phase 1 - PSER and RAIs

Phase 1 Support

P1 - RAI Preparation

P1 - 1.0 Introduction and General Description of Plant

P1 - 1.0 Introduction Technical Review

- P1 - 1.0 Introduction Initial RAIs Prepared
- P1 - 1.0 Introduction - Applicant Response Period
- P1 - 1.0 Introduction Review Response and Prepare Supplemental RAI
- P1 - 1.x Prepare Financial Review and Initial RAIs
- P1 - 1.x Financial Review - Applicant Response Period
- P1 - 1.x Financial Review - Review Response and Prepare Supplemental RAI
- P1 - 1.8 Interfaces for Standard Designs - Initial RAIs Prepared
- P1 - 1.8 Interfaces for Standard Designs - Applicant Response Period
- P1 - 1.8 Interfaces for Standard Designs - Review Response and Prepare Supplemental RAI
- P1 - 1.9 SRP Conformance Regulations - Initial RAIs Prepared
- P1 - 1.9 SRP Conformance Regulations - Applicant Response Period
- P1 - 1.9 SRP Conformance Regulations - Review Response and Prepare Supplemental RAI

P1 - 1.0 Introduction RAI Issuance and Processing

- P1 - 1.0 Introduction RAI Processing and Issuance

P1 - 2.0 Site Characteristics

P1 - 2.0 Site Char and Param Technical Review

- P1 - 2.0 Site Char and Param Initial RAIs Prepared
- P1 - 2.0 Site Char and Param - Applicant RAI Response Period
- P1 - 2.0 Site Char and Param Review Response and Prepare Supplemental RAI
- P1 - 2.1.1 Site Location and Desc Initial RAIs Prepared
- P1 - 2.1.1 Site Location and Desc - Applicant RAI Response Period
- P1 - 2.1.1 Site Location and Desc Review Response and Prepare Supplemental RAI
- P1 - 2.1.2 Excl Area Authority and Control Initial RAIs Prepared
- P1 - 2.1.2 Excl Area Authority and Control - Applicant RAI Response Period
- P1 - 2.1.2 Excl Area Authority and Control Review Response and Prepare Supplemental RAI
- P1 - 2.1.3 Population Distrib Initial RAIs Prepared
- P1 - 2.1.3 Population Distrib - Applicant RAI Response Period
- P1 - 2.1.3 Population Distrib Review Response and Prepare Supplemental RAI
- P1 - 2.2.1 - 2.2.2 Ident of Pot Haz Initial RAIs Prepared
- P1 - 2.2.1 - 2.2.2 Ident of Pot Haz - Applicant RAI Response Period
- P1 - 2.2.1 - 2.2.2 Ident of Pot Haz - Review Response and Prepare Supplemental RAI
- P1 - 2.2.3 Eval of Pot Accid Initial RAIs Prepared
- P1 - 2.2.3 Eval of Pot Accid - Applicant RAI Response Period
- P1 - 2.2.3 Eval of Pot Accid Review Response and Prepare Supplemental RAI
- P1 - 2.3.1 Regional Climatology Initial RAIs Prepared
- P1 - 2.3.1 Regional Climatology - Applicant RAI Response Period
- P1 - 2.3.1 Regional Climatology - Review Response and Prepare Supplemental RAI
- P1 - 2.3.2 Local Meteorology Initial RAIs Prepared

- P1 - 2.3.2 Local Meteorology - Applicant RAI Response Period
- P1 - 2.3.2 Local Meteorology - Review Response and Prepare Supplemental RAI
- P1 - 2.3.3 Onsite Met Measurements Prog Initial RAIs Prepared
- P1 - 2.3.3 Onsite Met Measurements Prog - Applicant RAI Response Period
- P1 - 2.3.3 Onsite Met Measurements Prog - Review Response and Prepare Supplemental RAI
- P1 - 2.3.4 Short Term Dispersion for Accid Rel Initial RAIs Prepared
- P1 - 2.3.4 Short Term Dispersion for Accid Rel - Applicant RAI Response Period
- P1 - 2.3.4 Short Term Dispersion for Accid Rel - Review Response and Prepare Supplemental RAI
- P1 - 2.3.5 Long Term Dispersion for Routine Rel Initial RAIs Prepared
- P1 - 2.3.5 Long Term Dispersion for Routine Rel - Applicant RAI Response Period
- P1 - 2.3.5 Long Term Dispersion for Routine Rel - Review Response and Prepare Supplemental RAI
- P1 - 2.4 Surface Water Hydro 2.41-2.4.11 and 2.4.14 - Initial RAIs Prepared
- P1 - 2.4 Surface Water Hydro 2.41-2.4.11 and 2.4.14 - Applicant RAI Response Period
- P1 - 2.4 Surface Water Hydro 2.41-2.4.11 and 2.4.14 -Review Response and Prepare Supplemental R/
- P1 - 2.4 Ground Water Hydro 2.4.12 and 2.4.13 - Initial RAIs Prepared
- P1 - 2.4 Ground Water Hydro 2.4.12 and 2.4.13 - Applicant RAI Response Period
- P1 - 2.4 Ground Water Hydro 2.4.12 and 2.4.13 - Review Response and Prepare Supplemental RAI
- P1 - 2.5.1 and 2.5.3 Geologic, Seismic and Surface Faulting Initial RAIs Prepared
- P1 - 2.5.1 and 2.5.3 Geologic, Seismic and Surface Faulting - Applicant RAI Response Period
- P1 - 2.5.1 and 2.5.3 Geologic, Seismic and Surface Faulting - Review Response and Prepare Supplem
- P1 - 2.5.2 Vibratory Ground Motion Initial RAIs Prepared
- P1 - 2.5.2 Vibratory Ground Motion - Applicant RAI Response Period
- P1 - 2.5.2 Vibratory Ground Motion - Review Response and Prepare Supplemental RAI
- P1 - 2.5.4 and 2.5.5 - Stability of Susurf Matls, Foundations, and Slopes Initial RAIs Prepared
- P1 - 2.5.4 and 2.5.5 - Stability of Susurf Matls, Foundations, and Slopes - Applicant RAI Response Peri
- P1 - 2.5.4 and 2.5.5 - Stability of Susurf Matls, Foundations, and Slopes - Review Response and Prepa

P1 - 2.0 Site Char and Param RAI Processing and Issuance

- P1 - 2.0 Site Char and Param RAI Processing and Issuance

P1 - 3.0 Design of Structures, Components, Equipment, and Systems

P1 - 3.0 SSC Design Technical Review

- P1 - 3.7.1 Seismic Design Param Initial RAIs Prepared
- P1 - 3.7.1 Seismic Design Param - Applicant RAI Response Period
- P1 - 3.7.1 Seismic Design Param - Review Response and Prepare Supplemental RAI
- P1 - 3.7.2 Seismic System Analysis Initial RAIs Prepared
- P1 - 3.7.2 Seismic System Analysis - Applicant RAI Response Period
- P1 - 3.7.2 Seismic System Analysis - Review Response and Prepare Supplemental RAI
- P1 - 3.7.3 Seismic Subsystem Analysis - Initial RAIs Prepared
- P1 - 3.7.3 Seismic Subsystem Analysis - Applicant RAI Response Period
- P1 - 3.7.3 Seismic Subsystem Analysis - Review Response and Prepare Supplemental RAI
- P1 - 3.7.4 Seismic Instrumentation - Initial RAIs Prepared
- P1 - 3.7.4 Seismic Instrumentation- Applicant RAI Response Period
- P1 - 3.7.4 Seismic Instrumentation - Review Response and Prepare Supplemental RAI
- P1 - 3.10 Seismic/Dyn Qual of Mech/Elec Eqmt - Initial RAIs Prepared
- P1 - 3.10 Seismic/Dyn Qual of Mech/Elec Eqmt - Applicant RAI Response Period
- P1 - 3.10 Seismic/Dyn Qual of Mech/Elec Eqmt - Review Response and Prepare Supplemental RAI
- P1 - 3.11 Equipment Qualification - Initial RAIs Prepared
- P1 - 3.11 Equipment Qualification- Applicant RAI Response Period
- P1 - 3.11 Equipment Qualification - Review Response and Prepare Supplemental RAI

P1 - 3.0 Design of SSCs RAI Processing and Issuance

- P1 - 3.0 Design of SSCs RAI Processing and Issuance

P1 - 6.0 Engineered Safety Features

P1 - 6.0 ESF Technical Review

- P1 - 6.4 Control Room Habitability Initial RAIs Prepared
- P1 - 6.4 Control Room Habitability - Applicant RAI Response Period
- P1 - 6.4 Control Room Habitability - Review Response and Prepare Supplemental RAI

P1 - 6.0 ESF RAI Processing and Issuance

- P1 - 6.0 ESF RAI Processing and Issuance

P1 - 8.0 Electric Power

P1 - 8.0 Electric Power Technical Review

- P1 - 8.1 Elec Power - Intro Initial RAIs Prepared
- P1 - 8.1 Elec Power - Intro - Applicant RAI Response Period
- P1 - 8.1 Elec Power - Intro - Review Response and Prepare Supplemental RAI
- P1 - 8.2 Offsite Power Initial RAIs Prepared
- P1 - 8.2 Offsite Power - Applicant RAI Response Period
- P1 - 8.2 Offsite Power - Review Response and Prepare Supplemental RAI
- P1 - 8.3.1 AC Power (Onsite) Initial RAIs Prepared
- P1 - 8.3.1 AC Power (Onsite) - Applicant RAI Response Period
- P1 - 8.3.1 AC Power (Onsite) - Review Response and Prepare Supplemental RAI
- P1 - 8.3.2 DC Power (Onsite) - Initial RAIs Prepared
- P1 - 8.3.2 DC Power (Onsite) - Applicant RAI Response Period
- P1 - 8.3.2 DC Power (Onsite) - Review Response and Prepare Supplemental RAI

P1 - 8.0 Electric Power RAI Processing and Issuance

- P1 - 8.0 Electric Power RAI Processing and Issuance

P1 - 9.0 Auxiliary Systems

P1 - 9.0 Aux Systems Technical Review

- P1 - 9.2.1 Service Water Initial RAIs Prepared
- P1 - 9.2.1 Service Water - Applicant RAI Response Period
- P1 - 9.2.1 Service Water - Review Response and Prepare Supplemental RAI
- P1 - 9.2.4 Pot and Sanit Water Initial RAIs Prepared
- P1 - 9.2.4 Pot and Sanit Water - Applicant RAI Response Period
- P1 - 9.2.4 Pot and Sanit Water - Review Response and Prepare Supplemental RAI
- P1 - 9.3.5 SLCS - Initial RAIs Prepared
- P1 - 9.3.5 SLCS - Applicant RAI Response Period
- P1 - 9.3.5 SLCS - Review Response and Prepare Supplemental RAI
- P1 - 9.3.9 Hydrogen Water Chemistry - Initial RAIs Prepared
- P1 - 9.3.9 Hydrogen Water Chemistry - Applicant RAI Response Period
- P1 - 9.3.9 Hydrogen Water Chemistry - Review Response and Prepare Supplemental RAI
- P1 - 9.3.10 Oxygen Injection System - Initial RAIs Prepared
- P1 - 9.3.10 Oxygen Injection System - Applicant RAI Response Period
- P1 - 9.3.10 Oxygen Injection System - Review Response and Prepare Supplemental RAI
- P1 - 9.4.1 - 9.4.5 Containment Ventilation - Initial RAIs Prepared
- P1 - 9.4.1 - 9.4.5 Containment Ventilation - Applicant RAI Response Period
- P1 - 9.4.1 - 9.4.5 Containment Ventilation - Review Response and Prepare Supplemental RAI
- P1 - 9.5.1 Fire Protection Initial RAIs Prepared
- P1 - 9.5.1 Fire Protection - Applicant RAI Response Period
- P1 - 9.5.1 Fire Protection - Review Response and Prepare Supplemental RAI
- P1 - 9.5.2 Communications - Initial RAIs Prepared
- P1 - 9.5.2 Communications - Applicant RAI Response Period
- P1 - 9.5.2 Communications - Review Response and Prepare Supplemental RAI
- P1 - 9.5.4 EDG Fuel Oil Storage and Transfer Initial RAIs Prepared
- P1 - 9.5.4 EDG Fuel Oil Storage and Transfer - Applicant RAI Response Period
- P1 - 9.5.4 EDG Fuel Oil Storage and Transfer - Review Response and Prepare Supplemental RAI

P1 - 9.0 Aux Systems RAI Processing and Issuance

P1 - 9.0 Aux Systems RAI Processing and Issuance

P1 - 10.0 Steam and Power Conversion System

P1 - 10.0 Steam and Pwr Conv Technical Review

P1 - 10.4.5 Circulating Water Initial RAIs Prepared

P1 - 10.4.5 Circulating Water - Applicant RAI Response Period

P1 - 10.4.5 Circulating Water - Review Response and Prepare Supplemental RAI

P1 - 10.0 Steam and Pwr Conv RAI Processing and Issuance

P1 - 10.0 Steam and Pwr Conv RAI Processing and Issuance

P1 - 11.0 Radioactive Waste Management

P1 - 11.0 Radioactive Waste Technical Review

P1 - 11.2 Liq Waste Mgmt Initial RAIs Prepared

P1 - 11.2 Liq Waste Mgmt - Applicant RAI Response Period

P1 - 11.2 Liq Waste Mgmt - Review Response and Prepare Supplemental RAI

P1 - 11.3 Gas Waste Mgmt Initial RAIs Prepared

P1 - 11.3 Gas Waste Mgmt - Applicant RAI Response Period

P1 - 11.3 Gas Waste Mgmt - Review Response and Prepare Supplemental RAI

P1 - 11.4 Solid Waste Mgmt Initial RAIs Prepared

P1 - 11.4 Solid Waste Mgmt - Applicant RAI Response Period

P1 - 11.4 Solid Waste Mgmt - Review Response and Prepare Supplemental RAI

P1 - 11.5 Rad Monit Inst & Sampling Initial RAIs Prepared

P1 - 11.5 Rad Monit Inst & Sampling - Applicant RAI Response Period

P1 - 11.5 Rad Monit Inst & Sampling - Review Response and Prepare Supplemental RAI

P1 - 11.0 Radioactive Waste RAI Processing and Issuance

P1 - 11.0 Radioactive Waste RAI Processing and Issuance

P1 - 12.0 Radiation Protection

P1 - 12.0 Radiation Protection Technical Review

P1 - 12.2 Rad Sources Initial RAIs Prepared

P1 - 12.2 Rad Sources - Applicant RAI Response Period

P1 - 12.2 Rad Sources - Review Response and Prepare Supplemental RAI

P1 - 12.3 - 12.4 RP Design Features Initial RAIs Prepared

P1 - 12.3 - 12.4 RP Design Features - Applicant RAI Response Period

P1 - 12.3 - 12.4 RP Design Features - Review Response and Prepare Supplemental RAI

P1 - 12.0 Radiation Protection Processing and Issuance

P1 - 12.0 Radiation Protection RAI Processing and Issuance

P1 - 13.0 Conduct of Operations

P1 - 13.0 Conduct of Ops Technical Review

P1 - 13.1.1 Mgmt and Tech Support Org Initial RAIs Prepared

P1 - 13.1.1 Mgmt and Tech Support Org - Applicant RAI Response Period

P1 - 13.1.1 Mgmt and Tech Support Org Review Response and Prepare Supplemental RAI

P1 - 13.1.2 - 13.1.3 Operating Org Initial RAIs Prepared

P1 - 13.1.2 - 13.1.3 Operating Org - Applicant RAI Response Period

P1 - 13.1.2 - 13.1.3 Operating Org Review Response and Prepare Supplemental RAI

P1 - 13.2.1 Rx Operator Requal / Training Initial RAIs Prepared

P1 - 13.2.1 Rx Operator Requal / Training - Applicant RAI Response Period

P1 - 13.2.1 Rx Operator Requal / Training Review Response and Prepare Supplemental RAI

P1 - 13.2.2 Non-Licensed Plant Staff Training Initial RAIs Prepared

P1 - 13.2.2 Non-Licensed Plant Staff Training - Applicant RAI Response Period

P1 - 13.2.2 Non-Licensed Plant Staff Training Review Response and Prepare Supplemental RAI

P1 - 13.3 EP PSER and RAIs - Initial RAIs Prepared - Onsite

P1 - 13.3 EP IFR and RAIs - Initial RAIs Prepared - FEMA Offsite

P1 - 13.3 EP PSER and RAIs - Initial RAIs Prepared - ETE
P1 - 13.3 EP PSER and RAIs - Integrate Inputs
P1 - 13.3 EP PSER and RAIs - Finalize PSER and RAIs
P1 - 13.3 EP - Branch Chief Concurrence
P1 - 13.3 EP Final Initial RAIs Issued
P1 - 13.3 EP Onsite RAIs Applicant Response
P1 - 13.3 EP Offsite RAIs Applicant Response
P1 - 13.3 EP - LIB Review of FEMA Offsite IFR
P1 - 13.3 EP - FEMA Review of LIB Onsite PSER
P1 - 13.3 EP RAI Responses to FEMA
P1 - 13.3 Applicant Response to FEMA RAIs
P1 - 13.3 EP Offsite FEMA Review Response and Prepare Supplemental RAI
P1 - 13.3 EP Prep Onsite Review Response and Prepare Supplemental RAI
P1 - 13.3 EP ETE Review Response and Prepare Supplemental RAI
P1 - 13.3 EP Integrate Inputs Evaluation Completed
P1 - 13.3 EP Finalize SER w/Ois
P1 - 13.3 EP Branch Chief Concurrence
P1 - 13.3 EP - LIB Review of FEMA Offsite SERw/OI
P1 - 13.3 EP - FEMA Review of LIB Onsite SERw/OI
P1 - 13.4 Operational Programs-Initial RAIs Prepared
P1 - 13.4 Operational Programs- Applicant RAI Response Period
P1 - 13.4 Operational Programs - Review Response and Prepare Supplemental RAI
P1 - 13.5.1.1 Admin Procead Initial RAIs Prepared
P1 - 13.5.1.1 Admin Procead - Applicant RAI Response Period
P1 - 13.5.1.1 Admin Procead - Review Response and Prepare Supplemental RAI
P1 - 13.5.2.1 Operating and Emerg Ops Procead Initial RAIs Prepared
P1 - 13.5.2.1 Operating and Emerg Ops Procead Applicant RAI Response Period
P1 - 13.5.2.1 Operating and Emerg Ops Procead Review Response and Prepare Supplemental RAI
P1 - 13.6 Physical Security - Initial RAIs Prepared
P1 - 13.6 Physical Security - Applicant RAI Response Period
P1 - 13.6 Physical Security - Review Response and Prepare Supplemental RAI
P1 - 13.7 Fitness for Duty - Initial RAIs Prepared
P1 - 13.7 Fitness for Duty - Applicant RAI Response Period
P1 - 13.7 Fitness for Duty - Review Response and Prepare Supplemental RAI
EPAAct - Provide COLA to DHS
EPAAct - DHS COLA Review and Preparation of EPAAct Report
EPAAct - DHS Site Visit
EPAAct - NSIR Review of DHS Report
EPAAct - NSIR Mgmt Review of DHS Report

P1 - 13.0 Conduct of Ops RAI Processing and Issuance

P1 - 13.0 Conduct of Ops RAI Processing and Issuance

P1 - 14.0 Initial Test Program

P1 - 14.0 Initial Test Pgm Technical Review

P1 - 14.2 Initial Plant Test Pgm Initial RAIs Prepared
P1 - 14.2 Initial Plant Test Pgm - Applicant RAI Response Period
P1 - 14.2 Initial Plant Test Pgm - Review Response and Prepare Supplemental RAI
P1 - 14.3 ITAAC Initial RAIs Prepared
P1 - 14.3 ITAAC - Applicant RAI Response Period
P1 - 14.3 ITAAC - Review Response and Prepare Supplemental RAI
P1 - 14.3.2 Structural and Systems Engineering ITAAC - Initial RAIs Prepared
P1 - 14.3.2 Structural and Systems Engineering ITAAC - Applicant RAI Response Period

- P1 - 14.3.2 Structural and Systems Engineering ITAAC - Review Response and Prepare Supplemental
- P1 - 14.3.5 Instrumentation and Controls ITAAC - Initial RAIs Prepared
- P1 - 14.3.5 Instrumentation and Controls ITAAC - Applicant RAI Response Period
- P1 - 14.3.5 Instrumentation and Controls ITAAC - Review Response and Prepare Supplemental RAI
- P1 - 14.3.6 ITAAC Electrical - Initial RAIs Prepared
- P1 - 14.3.6 Electrical Systems ITAAC - Applicant RAI Response Period
- P1 - 14.3.6 Electrical Systems ITAAC - Review Response and Prepare Supplemental RAI
- P1 - 14.3.10 EP ITAAC Initial RAIs Prepared
- P1 - 14.3.10 EP ITAAC - Applicant RAI Response Period
- P1 - 14.3.10 EP ITAAC - Review Response and Prepare Supplemental RAI
- P1 - 14.3.12 Physical Sec Hardware ITAAC - Initial RAIs Prepared
- P1 - 14.3.12 Physical Sec Hardware ITAAC - Applicant RAI Response Period
- P1 - 14.3.12 Physical Sec Hardware ITAAC - Review Response and Prepare Supplemental RAI

P1 - 14.0 Initial Test Pgm RAI Processing and Issuance

- P1 - 14.0 Initial Test Pgm RAI Processing and Issuance

P1 - 17.0 Quality Assurance

P1 - 17.0 Technical Review

- P1 - 17.4 and 17.6 Reliab Assur and MR - Initial RAIs Prepared
- P1 - 17.4 and 17.6 Reliab Assur and MR - Applicant RAI Response Period
- P1 - 17.4 and 17.6 Reliab Assur and MR - Review Response and Prepare Supplemental RA
- P1 - 17.5 QA Program - Initial RAIs Prepared
- P1 - 17.5 QA Program - Applicant RAI Response Period
- P1 - 17.5 QA Program - Review Response and Prepare Supplemental RAI

P1 - 17.0 RAI Processing and Issuance

- P1 - 17.0 RAI Processing and Issuance

P1 - 19.0 Severe Accidents/Probabilistic Risk Assessment (PRA)

P1 - 19.0 Technical Review

- P1 - 19.0 and 19.1 Probabilistic Risk Assessment - Initial RAIs Prepared
- P1 - 19.0 and 19.1 Probabilistic Risk Assessment - Applicant RAI Response Period
- P1 - 19.0 and 19.1 Probabilistic Risk Assessment - Review Response and Prepare Supplemental RAI
- P1 - 19.2 Severe Accidents - Initial RAIs Prepared
- P1 - 19.2 Severe Accidents - Applicant RAI Response Period
- P1 - 19.2 Severe Accidents - Review Response and Prepare Supplemental RAI

P1 - 19.0 RAI Processing and Issuance

- P1 - 19.0 RAI Processing and Issuance

Phase 1 - All Initial and Subsequent RAIs Complete

Phase 1 Managed Reserve

Phase 1 - All Initial and Subsequent RAIs and PSER Complete (with Managed Reserve)

Phase 2 - Advanced SER with No OI

Phase 2 Support

P2 SER Completion

P2 - 1.0 Introduction and General Description of Plant

P2 - 1.0 Close Open Items - Site Specific

- P2 - 1.0 Introduction and Interfaces - Applicant Supplemental RAI Response Period
- P2 - 1.0 Introduction Review Response and Complete Review
- P2 - 1.x Financial Review - Applicant Supplemental RAI Response Period
- P2 - 1.x Financial Review - Review Response and Complete Review
- P2 - 1.8 Interfaces for Standard Designs - Applicant Supplemental RAI Response Period
- P2 - 1.8 Interfaces for Standard Designs - Review Response and Complete Review
- P2 - 1.9 SRP Conformance Regulations - Applicant Supplemental RAI Response Period
- P2 - 1.9 SRP Conformance Regulations Review Response and Complete Review

P2 - Chapter 1.0 PM Support

P2 - 1.0 Chapter Completion

P2 - Chap 1.0 Introduction PM All section inputs received

P2 - Chap 1.0 PM - LA - TE Review and Edit

P2 - Chap 1.0 Introduction Branch chiefs concurrence

P2 - Chap 1.0 Introduction OGC review and concurrence

P2 - Chap 1.0 Introduction Chapter Complete

P2 - 2.0 Site Characteristics

P2 - 2.0 Close Open Items - Site Specific

P2 - 2.0 Site Char and Param - Applicant Supplemental RAI Response Period

P2 - 2.0 Site Char and Param - Review Response and Complete Advance SER Input

P2 - 2.1.1 Site Location and Desc - Applicant Supplemental RAI Response Period

P2 - 2.1.1 Site Location and Desc - Review Response and Complete Advance SER Input

P2 - 2.1.2 Excl Area Authority and Control - Applicant Supplemental RAI Response Period

P2 - 2.1.2 Excl Area Authority and Control - Review Response and Complete Advance SER Input

P2 - 2.1.3 Population Distrib - Applicant Supplemental RAI Response Period

P2 - 2.1.3 Population Distrib - Review Response and Complete Advance SER Input

P2 - 2.2.1 - 2.2.2 Ident of Pot Haz - Applicant Supplemental RAI Response Period

P2 - 2.2.1 - 2.2.2 Ident of Pot Haz - Review Response and Complete Advance SER Input

P2 - 2.2.3 Eval of Pot Accid - Applicant Supplemental RAI Response Period

P2 - 2.2.3 Eval of Pot Accid - Review Response and Complete Advance SER Input

P2 - 2.3.1 Regional Climatology - Applicant Supplemental RAI Response Period

P2 - 2.3.1 Regional Climatology - Review Response and Complete Advance SER Input

P2 - 2.3.2 Local Meteorology - Applicant Supplemental RAI Response Period

P2 - 2.3.2 Local Meteorology - Review Response and Complete Advance SER Input

P2 - 2.3.3 Onsite Met Measurements Prog - Applicant Supplemental RAI Response Period

P2 - 2.3.3 Onsite Met Measurements Prog - Review Response and Complete Advance SER Input

P2 - 2.3.4 Short Term Dispersion for Accid Rel - Applicant Supplemental RAI Response Period

P2 - 2.3.4 Short Term Dispersion for Accid Rel - Review Response and Complete Advance SER Input

P2 - 2.3.5 Long-Term Dispersion for Routine Rel - Applicant Supplemental RAI Response Period

P2 - 2.3.5 Long-Term Dispersion for Routine Rel - Review Response and Complete Advance SER Input

P2 - 2.4 Surface Water Hydro 2.41-2.4.11 and 2.4.14 -Applicant Supplemental RAI Response Period

P2 - 2.4 Surface Water Hydro 2.41-2.4.11 and 2.4.14 - Review Response and Complete Advance SER

P2 - 2.4 Ground Water Hydro 2.4.12 and 2.4.13- Applicant Supplemental RAI Response Period

P2 - 2.4 Ground Water Hydro 2.4.12 and 2.4.13 - Review Response and Complete Advance SER Input

P2 - 2.5.1 and 2.5.3 Geologic, Seismic and Surface Faulting - Applicant Supplemental RAI Response F

P2 - 2.5.1 and 2.5.3 Geologic, Seismic and Surface Faulting - Review Response and Complete Advanc

P2 - 2.5.2 Vibratory Ground Motion - Applicant Supplemental RAI Response Period

P2 - 2.5.2 Vibratory Ground Motion - Review Response and Complete Advance SER Input

P2 - 2.5.4 and 2.5.5 - Stability of Susurf Matls, Foundations, and Slopes - Applicant Supplemental RAI

P2 - 2.5.4 and 2.5.5 - Stability of Susurf Matls, Foundations, and Slopes - Review Response and Comp

P2 - Chapter 2 PM Support

P2 - 2.0 Site Char and Param Chapter Completion

P2 - Chap 2.0 Chapter PM Compile Advance SER

P2 - Chap 2.0 PM - LA - TE Review and Edit

P2 - Chap 2.0 Site Char and Param Branch chiefs concurrence

P2 - Chap 2.0 Site Char and Param OGC review and concurrence

P2 - Chap 2.0 Site Char and Param Chapter Complete

P2 - 3.0 Design of Structures, Components, Equipment, and Systems

P2 - 3.0 Close Open Items - Site Specific

P2 - 3.7.1 Seismic Design Param - Applicant Supplemental RAI Response Period

- P2 - 3.7.1 Seismic Design Param - Review Response and Complete Advance SER Input
- P2 - 3.7.2 Seismic System Analysis - Applicant Supplemental RAI Response Period
- P2 - 3.7.2 Seismic System Analysis - Review Response and Complete Advance SER Input
- P2 - 3.7.3 Seismic Subsystem Analysis - Applicant Supplemental RAI Response Period
- P2 - 3.7.3 Seismic Subsystem Analysis - Review Response and Complete Advance SER Input
- P2 - 3.7.4 Seismic Instrumentation - Applicant Supplemental RAI Response Period
- P2 - 3.7.4 Seismic Instrumentation - Review Response and Complete Advance SER Input
- P2 - 3.10 Seismic/Dyn Qual of Mech/Elec Eqmt - Applicant Supplemental RAI Response Period
- P2 - 3.10 Seismic/Dyn Qual of Mech/Elec Eqmt - Review Response and Complete Advance SER Input
- P2 - 3.11 Equipment Qualification- Applicant Supplemental RAI Response Period
- P2 - 3.11 Equipment Qualification- Review Response and Complete Advance SER Input

P2 - Chapter 3 PM Support

P2 - 3.0 IBR Verification

- P2 - 3B Containment Hydrodynamic Loads - IBR Verification
- P2 - 3.2.1 Seismic Class - IBR Verification
- P2 - 3.2.2 System Quality Group Class - IBR Verification
- P2 - 3.3.1 Wind Loading - IBR Verification
- P2 - 3.3.2 Tornado Loads - IBR Verification
- P2 - 3.4.1 Flood Protection for Onsite Eqmt Failure - Review Response and Complete Advance SER In
- P2 - 3.4.2 Analysis and Barrier Design Procedures - IBR Verification
- P2 - 3.5.1.1 Internally Gen Missiles (Outside Containment) - IBR Verification
- P2 - 3.5.1.2 Internally Gen Missiles (Inside Containment) - IBR Verification
- P2 - 3.5.1.3 Turbine Missiles - IBR Verification
- P2 - 3.5.1.4 Missiles Gen by Tornadoes/Winds - IBR Verification
- P2 - 3.5.1.5 Site Proximity Missiles (Except Aircraft) - IBR Verification
- P2 - 3.5.1.6 Aircraft Hazards - IBR Verification
- P2 - 3.5.2 SSCs To Be Protected From... Missiles - Review Response and Complete Advance SER Inq
- P2 - 3.6.1 Plant Design for Piping Failures - IBR Verification
- P2 - 3.6.2 Determ of Rupture Locations (Piping) - IBR Verification
- P2 - 3.8.1 Concrete Containment -IBR Verification
- P2 - 3.8.2 Steel Containment - IBR Verification
- P2 - 3.8.3 Concrete/Steel Int Struct of Containmt - IBR Verification
- P2 - 3.8.4 Other Seismic Category I Structures - IBR Verification
- P2 - 3.8.5 Foundations - IBR Verification
- P2 - 3.9.1 Special Topics for Mech Components - IBR Verification
- P2 - 3.9.2 Dynamic Testing and Analysis of... - IBR Verification
- P2 - 3.9.3 ASME Code Class 1, 2, and 3 Components, ... - IBR Verification
- P2 - 3.9.4 Control Rod Drive Systems - IBR Verification
- P2 - 3.9.5 Reactor Pressure Vessel Internals - IBR Verification
- P2 - 3.9.6.1 IBR Verification
- P2 - 3.9.6.2 IBR Verification
- P2 - 3.12 ASME Code Class 1, 2, and 3 Piping Systems... - IBR Verification
- P2 - 3.13 Threaded Fasteners IBR Verification

P2 - 3.0 Design of SSCs Chapter Completion

- P2 - Chap 3.0 Chapter PM Compile Advance SER
- P2 - Chap 3.0 PM - LA - TE Review and Edit
- P2 - Chap 3.0 Design of SSCs Branch chiefs concurrence
- P2 - Chap 3.0 Design of SSCs OGC review and concurrence
- P2 - Chap 3.0 Design of SSCs Chapter Complete

P2 - 4.0 Reactor

P2 - 4.0 IBR Verification

- P2 - 4.2 Fuel System Design - IBR Verification
- P2 - 4.3 Nuclear Design - IBR Verification
- P2 - 4.4 Thermal and Hydraulic Design - IBR Verification
- P2 - 4.5.1 Control Rod Drive Structural Materials - IBR Verification
- P2 - 4.5.2 Rx Internal and Core Support Materials - IBR Verification
- P2 - 4.6 Functional Design of CRD System - IBR Verification

P2 - 4.0 Chapter Completion

- P2 - Chap 4.0 Chapter PM Compile Advance SER
- P2 - Chap 4.0 PM - LA - TE Review and Edit
- P2 - Chap 4.0 Branch chiefs concurrence
- P2 - Chap 4.0 OGC review and concurrence
- P2 - Chap 4.0 Chapter Complete

P2 - 5.0 Reactor Coolant System and Connected Systems

P2 - 5.0 RCS IBR Verification

- P2 - 5.2.1.1 Compliance with 10 CFR 50.55a IBR Verification
- P2 - 5.2.1.2 Applicable Code Cases IBR Verification
- P2 - 5.2.2 Overpressure Protection IBR Verification
- P2 - 5.2.3 Rx Coolant Pressure Bound Matls IBR Verification
- P2 - 5.2.4 Rx Coolant Press Bound ISI and Testing IBR Verification
- P2 - 5.2.5 Rx Coolant Press Bound Leak Detect IBR Verification
- P2 - 5.3.1 Reactor Vessel Materials IBR Verification
- P2 - 5.3.2 P-T Limits ... and Press Therm Shock IBR Verification
- P2 - 5.3.3 Reactor Vessel Integrity IBR Verification
- P2 - 5.4 Components and Subsystem Design IBR Verification
- P2 - 5.4.6 RCIC (BWR) - IBR Verification
- P2 - 5.4.7 RHR IBR Verification
- P2 - 5.4.8 Reactor Water Cleanup (BWR) - IBR Verification
- P2 - 5.4.11 Pressurizer Relief Tank IBR Verification
- P2 - 5.4.12 Reactor Cool Sys High Point Vents IBR Verification

P2 - 5.0 RCS Chapter Completion

- P2 - Chap 5.0 Chapter PM Compile Advance SER
- P2 - Chap 5.0 PM - LA - TE Review and Edit
- P2 - Chap 5.0 RCS Branch chiefs concurrence
- P2 - Chap 5.0 RCS OGC review and concurrence
- P2 - Chap 5.0 RCS Chapter Complete

P2 - 6.0 Engineered Safety Features

P2 - 6.0 ESF Close Open Items - Site Specific

- P2 - 6.4 Control Room Habitability - Applicant Supplemental RAI Response Period
- P2 - 6.4 Control Room Habitability - Review Response and Complete Advance SER Input

P2 - Chapter 6.0 PM Support

P2 - 6.0 ESF IBR Verification

- P2 - 6.1.1 ESF Materials IBR Verification
- P2 - 6.1.2 Protective Coating IBR Verification
- P2 - 6.2.1 - 6.2.6 Containment Ventilation IBR Verification
- P2 - 6.2.7 Fracture Prevent of Containment Press Bound IBR Verification
- P2 - 6.3 ECCS IBR Verification
- P2 - 6.5.1 - 6.5.5 SBCV / RSAC / CIB IBR Verification
- P2 - 6.6 ISI of Class 2 and 3 Components IBR Verification

P2 - 6.0 ESF Chapter Completion

- P2 - Chap 6.0 Chapter PM Compile Advance SER
- P2 - Chap 6.0 PM - LA - TE Review and Edit

- P2 - Chap 6.0 ESF Branch chiefs concurrence
- P2 - Chap 6.0 ESF OGC review and concurrence
- P2 - Chap 6.0 ESF Chapter Complete

P2 - 7.0 I&C Systems

P2 - 7.0 I&C IBR Verification

- P2 - 7.0 I&C - Overview IBR Verification
- P2 - 7.1 I&C - Introduction IBR Verification
- P2 - 7.2 Reactor Trip System IBR Verification
- P2 - 7.3 ESF IBR Verification
- P2 - 7.4 Safe Shutdown IBR Verification
- P2 - 7.5 Info Sys Important to Safety IBR Verification
- P2 - 7.6 Interlock Sys Important to Safety IBR Verification
- P2 - 7.7 Control Systems IBR Verification
- P2 - 7.8 Diverse I&C IBR Verification
- P2 - 7.9 Data Communication IBR Verification

P2 - 7.0 I&C Chapter Completion

- P2 - Chap 7.0 Chapter PM Compile Advance SER
- P2 - Chap 7.0 I&C LA - TE Review and Edit
- P2 - Chap 7.0 I&C Branch chiefs concurrence
- P2 - Chap 7.0 I&C OGC review and concurrence
- P2 - Chap 7.0 I&C Chapter Complete

P2 - 8.0 Electric Power

P2 - 8.0 Electric Power Close Open Items - Site Specific

- P2 - 8.1 Elec Power - Intro - Applicant Supplemental RAI Response Period
- P2 - 8.1 Elec Power - Intro - Review Response and Complete Advance SER Input
- P2 - 8.2 Offsite Power - Applicant Supplemental RAI Response Period
- P2 - 8.2 Offsite Power - Review Response and Complete Advance SER Input
- P2 - 8.3.1 AC Power (Onsite) - Applicant Supplemental RAI Response Period
- P2 - 8.3.1 AC Power (Onsite) - Review Response and Complete Advance SER Input
- P2 - 8.3.2 DC Power (Onsite) - Applicant Supplemental RAI Response Period
- P2 - 8.3.2 DC Power (Onsite) - Review Response and Complete Advance SER Input
- P2 - Chapter 8.0 PM Support

P2 - 8.0 Electric Power IBR Verification

- P2 - 8.4 Station Blackout IBR Verification

P2 - 8.0 Electric Power Chapter Completion

- P2 - Chap 8.0 Chapter PM Compile Advance SER
- P2 - Chap 8.0 PM - LA - TE Review and Edit
- P2 - Chap 8.0 Electric Power Branch chiefs concurrence
- P2 - Chap 8.0 Electric Power OGC review and concurrence
- P2 - Chap 8.0 Electric Power Chapter Complete

P2 - 9.0 Auxiliary Systems

P2 - 9.0 Aux Systems Close Open Items - Site Specific

- P2 - 9.2.1 Service Water - Applicant Supplemental RAI Response Period
- P2 - 9.2.1 Service Water - Review Response and Complete Advance SER Input
- P2 - 9.2.4 Pot and Sanit Water - Applicant Supplemental RAI Response Period
- P2 - 9.2.4 Pot and Sanit Water - Review Response and Complete Advance SER Input
- P2 - 9.3.5 SLCS - Applicant Supplemental RAI Response Period
- P2 - 9.3.5 SLCS - Review Response and Complete Advance SER Input
- P2 - 9.3.9 Hydrogen Water Chemistry - Applicant Supplemental RAI Response Period
- P2 - 9.3.9 Hydrogen Water Chemistry - Review Response and Complete Advance SER Input
- P2 - 9.3.10 Oxygen Injection System - Applicant Supplemental RAI Response Period

P2 - 9.3.10 Oxygen Injection System - Review Response and Complete Advance SER Input
P2 - 9.4.1 - 9.4.5 Containment Ventilation - Applicant Supplemental RAI Response Period
P2 - 9.4.1 - 9.4.5 Containment Ventilation - Review Response and Complete Advance SER Input
P2 - 9.5.1 Fire Protection - Applicant Supplemental RAI Response Period
P2 - 9.5.1 Fire Protection - Review Response and Complete Advance SER Input
P2 - 9.5.2 Communications - Applicant Supplemental RAI Response Period
P2 - 9.5.2 Communications - Review Response and Complete Advance SER Input
P2 - 9.5.4 EDG Fuel Oil Storage and Transfer - Applicant Supplemental RAI Response Period
P2 - 9.5.4 EDG Fuel Oil Storage and Transfer - Review Response and Complete Advance SER Input

P2 - Chapter 9.0 PM Support

P2 - 9.0 Aux Systems IBR Verification

P2 - 9.1.1 Criticality Safety of Fuel IBR Verification
P2 - 9.1.2 New and Spent Fuel Storage IBR Verification
P2 - 9.1.3 SFP Cooling and Cleanup IBR Verification
P2 - 9.1.4 Light Load Handling IBR Verification
P2 - 9.1.5 Overhead Heavy Load Handling IBR Verification
P2 - 9.2.2 - Reactor Aux Cool Water - IBR Verification
P2 - 9.2.5 Ultimate Heat Sink - IBR Verification
P2 - 9.2.6 Condensate Storage Facilities IBR Verification
P2 - 9.3.1 Compressed Air IBR Verification
P2 - 9.3.2 Process and Post Accid Sampling IBR Verification
P2 - 9.3.3 Eqmt and Floor Drainage - IBR Verification
P2 - 9.5.5 EDG Cooling Water IBR Verification
P2 - 9.5.6 EDG Starting IBR Verification
P2 - 9.5.7 EDG Lubrication IBR Verification
P2 - 9.5.8 EDG Combust Air Intake and Exhaust IBR Verification

P2 - 9.0 Aux Systems Chapter Completion

P2 - Chap 9.0 Chapter PM Compile Advance SER
P2 - Chap 9.0 PM - LA - TE Review and Edit
P2 - Chap 9.0 Aux Systems Branch chiefs concurrence
P2 - Chap 9.0 Aux Systems OGC review and concurrence
P2 - Chap 9.0 Aux Systems Chapter Complete

P2 - 10.0 Steam and Power Conversion System

P2 - 10.0 Steam and Pwr Conv Close Open Items - Site Specific

P2 - 10.4.5 Circulating Water - Applicant Supplemental RAI Response Period
P2 - 10.4.5 Circulating Water- Review Response and Complete Advance SER Input
P2 - Chapter 10.0 PM Support

P2 - 10.0 Steam and Power Conversion System IBR Verification

P2 - 10.2 Turbine Generator - IBR Verification
P2 - 10.2.3 Turbine Rotor Integrity IBR Verification
P2 - 10.3 Main Steam Supply IBR Verification
P2 - 10.3.6 Steam and FW System Matls IBR Verification
P2 - 10.4.1 Main Condensers IBR Verification
P2 - 10.4.2 Main Condenser Evac - IBR Verification
P2 - 10.4.3 Turbine Gland Sealing IBR Verification
P2 - 10.4.4 Turbine Bypass IBR Verification
P2 - 10.4.6 Condensate Cleanup - IBR Verification
P2 - 10.4.7 Condensate and Feedwater IBR Verification

P2 - 10.0 Steam and Pwr Conv Chapter Completion

P2 - Chap 10.0 Chapter PM Compile Advance SER
P2 - Chap 10.0 PM - LA - TE Review and Edit

- P2 - Chap 10.0 Steam and Pwr Conv Branch chiefs concurrence
- P2 - Chap 10.0 Steam and Pwr Conv OGC review and concurrence
- P2 - Chap 10.0 Steam and Pwr Conv Chapter Complete

P2 - 11.0 Radioactive Waste Management

P2 - 11.0 Radioactive Waste Close Open Items - Site Specific

- P2 - 11.2 Liq Waste Mgmt - Applicant Supplemental RAI Response Period
- P2 - 11.2 Liq Waste Mgmt - Review Response and Complete Advance SER Input
- P2 - 11.3 Gas Waste Mgmt - Applicant Supplemental RAI Response Period
- P2 - 11.3 Gas Waste Mgmt - Review Response and Complete Advance SER Input
- P2 - 11.4 Solid Waste Mgmt - Applicant Supplemental RAI Response Period
- P2 - 11.4 Solid Waste Mgmt - Review Response and Complete Advance SER Input
- P2 - 11.5 Rad Monit Inst & Sampling - Applicant Supplemental RAI Response Period
- P2 - 11.5 Rad Monit Inst & Sampling- Review Response and Complete Advance SER Input

P2 - Chapter 11.0 PM Support

P2 - 11.0 Radioactive Waste IBR Verification

- P2 - 11.1 Source Terms IBR Verification

P2 - 11.0 Radioactive Waste Chapter Completion

- P2 - Chap 11.0 Chapter PM Compile Advance SER
- P2 - Chap 11.0 PM - LA - TE Review and Edit
- P2 - Chap 11.0 Radioactive Waste Branch chiefs concurrence
- P2 - Chap 11.0 Radioactive Waste OGC review and concurrence
- P2 - Chap 11.0 Radioactive Waste Chapter Complete

P2 - 12.0 Radiation Protection

P2 - 12.0 Radiation Protection Close Open Items - Site Specific

- P2 - 12.2 Rad Sources - Applicant Supplemental RAI Response Period
- P2 - 12.2 Rad Sources - Review Response and Complete Advance SER Input
- P2 - 12.3 - 12.4 RP Design Features - Applicant Supplemental RAI Response Period
- P2 - 12.3 - 12.4 RP Design Features - Review Response and Complete Advance SER Input

P2 - Chapter 12.0 PM Support

P2 - 12.0 Radiation Protection IBR Verification

- P2 - 12.1 Occupational ALARA IBR Verification
- P2 - 12.5 Operational RP Program IBR Verification

P2 - 12.0 Radiation Protection Chapter Completion

- P2 - Chap 12.0 Chapter PM Compile Advance SER
- P2 - Chap 12.0 PM - LA - TE Review and Edit
- P2 - Chap 12.0 Radiation Protection Branch chiefs concurrence
- P2 - Chap 12.0 Radiation Protection OGC review and concurrence
- P2 - Chap 12.0 Radiation Protection Chapter Complete

P2 - 13.0 Conduct of Operations

P2 - 13.0 Conduct of Ops Close Open Items - Site Specific

- P2 - 13.1.1 Mgmt and Tech Support Org- Applicant Supplemental RAI Response Period
- P2 - 13.1.1 Mgmt and Tech Support Org - Review Response and Complete Advance SER Input
- P2 - 13.1.2 - 13.1.3 Operating Org - Applicant Supplemental RAI Response Period
- P2 - 13.1.2 - 13.1.3 Operating Org - Review Response and Complete Advance SER Input
- P2 - 13.2.1 Rx Operator Requal / Training - Applicant Supplemental RAI Response Period
- P2 - 13.2.1 Rx Operator Requal / Training - Review Response and Complete Advance SER Input
- P2 - 13.2.2 Non-Licensed Plant Staff Training - Applicant Supplemental RAI Response Period
- P2 - 13.2.2 Non-Licensed Plant Staff Training - Review Response and Complete Advance SER Input
- P2 - 13.3 EP Onsite Applicant Supplemental RAI Response Period
- P2 - 13.3 EP Offsite Applicant Supplemental RAI Response Period
- P2 - 13.3 EP Applicant Input to FEMA

- P2 - 13.3 EP Offsite FEMA Review Response and Complete Advance IFR Input
- P2 - 13.3 EP Onsite Review Response and Complete Advance SER Input
- P2 - 13.3 EP ETE Review Response and Complete Advance SER Input
- P2 - 13.3 EP Integrate Inputs Review Response and Complete Advance SER Input
- P2 - 13.3 EP Finalize Advance SER
- P2 - 13.3 EP Branch Chief Concurrence
- P2 - 13.4 Operational Programs Applicant Supplemental RAI Response Period
- P2 - 13.4 Operational Programs Review Response and Complete Advance SER Input
- P2 - 13.5.1.1 Admin Proced - Gen - Applicant Supplemental RAI Response Period
- P2 - 13.5.1.1 Admin Proced - Gen - Review Response and Complete Advance SER Input
- P2 - 13.5.2.1 Operating and Emerg Ops Proced Applicant Supplemental RAI Response Period
- P2 - 13.5.2.1 Operating and Emerg Ops Proced - Review Response and Complete Advance SER Input
- P2 - 13.6 Physical Security - Applicant Supplemental RAI Response Period
- P2 - 13.6 Physical Security - Review Response and Complete Advance SER Input
- P2 - 13.7 Fitness for Duty - Applicant Supplemental RAI Response Period
- P2 - 13.7 Fitness for Duty - Review Response and Complete Advance SER Input

P2 - Chapter 13.0 PM Support

P2 - 13.0 Conduct of Ops Chapter Completion

- P2 - Chap 13.0 Chapter PM Compile Advance SER
- P2 - Chap 13.0 Conduct of Ops PM-LA-TE review and edit
- P2 - Chap 13.0 Conduct of Ops Branch chiefs concurrence
- P2 - Chap 13.0 Conduct of Ops OGC review and concurrence
- P2 - Chap 13.0 Conduct of Ops Chapter Complete

P2 - 14.0 Initial Test Program

P2 - 14.0 Initial Test Pgm Close Open Items - Site Specific

- P2 - 14.2 Initial Plant Test Pgm - Applicant Supplemental RAI Response Period
- P2 - 14.2 Initial Plant Test Pgm - Review Response and Complete Advance SER Input
- P2 - 14.3 ITAAC - Applicant Supplemental RAI Response Period
- P2 - 14.3 ITAAC - Review Response and Complete Advance SER Input
- P2 - 14.3.2 Structural and Systems Engineering ITAAC - Applicant Supplemental RAI Response Period
- P2 - 14.3.2 Structural and Systems Engineering ITAAC - Review Response and Complete Advance SE
- P2 - 14.3.5 Instrumentation and Controls ITAAC - Applicant Supplemental RAI Response Period
- P2 - 14.3.5 Instrumentation and Controls ITAAC - Review Response and Complete Advance SER Input
- P2 - 14.3.6 Electrical Systems ITAAC - Applicant Supplemental RAI Response Period
- P2 - 14.3.6 Electrical Systems ITAAC - Review Response and Complete Advance SER Input
- P2 - 14.3.10 EP ITAAC - Applicant Supplemental RAI Response Period
- P2 - 14.3.10 EP ITAAC - Review Response and Complete Advance SER Input
- P2 - 14.3.12 Physical Sec Hardware ITAAC - Applicant Supplemental RAI Response Period
- P2 - 14.3.12 Physical Sec Hardware ITAAC - Review Response and Complete Advance SER Input

P2 - Chapter 14.0 PM Support

P2 - 14.0 Initial Test Pgm IBR Verification

- P2 - 14.3.3 Piping ITAAC - IBR Verification
- P2 - 14.3.4 Rx Systems ITAAC IBR Verification
- P2 - 14.3.8 RP ITAAC - IBR Verification
- P2 - 14.3.9 Human Factors ITAAC - IBR Verification
- P2 - 14.3.11 Containment ITAAC IBR Verification

P2 - 14.0 Initial Test Pgm Chapter Completion

- P2 - Chap 14.0 PM Compile Advance SER
- P2 - Chap 14.0 PM - LA - TE Review and Edit
- P2 - Chap 14.0 Initial Test Pgm Branch chiefs concurrence
- P2 - Chap 14.0 Initial Test Pgm OGC review and concurrence

P2 - Chap 14.0 Initial Test Pgm Chapter Complete

P2 - 15.0 Safety Analysis

P2 - 15.0 Safety Analysis IBR Verification

P2 - 15.0 Safety Analysis IBR Verification

P2 - 15.0.2 Rev of Transient and Accid Analysis Meth IBR Verification

P2 - 15.0.3 DBA Rad Conseq Analyses (Adv LWRs) IBR Verification

P2 - 15.1.1 - 15.1.4 IBR Verification

P2 - 15.2.1.6 Inadvertent Operation of the PRHR - IBR Verification

P2 - 15.2.4.8 Spectrum of RCCA Ejection Accidents - IBR Verification

P2 - 15.2.6.1 Inadvertent Opening of a PSV or Inadvertent Operation of ADS - IBR Verification

P2 - 15.2.6.2 Failure of Small Lines Carrying Primary Coolant Outside Containment - IBR Verification

P2 - 15.2.6.5 Loss of Coolant Accident - IBR Verification

P2 - 15.2.7 Loss of Normal Feedwater IBR Verification

P2 - 15.3.1 - 15.3.2 Loss of Forced Rx Coolant Flow... IBR Verification

P2 - 15.4.1 Control Rod Withdrawal (Low Pwr) IBR Verification

P2 - 15.4.2 Control Rod Withdrawal (at Pwr) IBR Verification

P2 - 15.4.7 Fuel Assem in Improper Position IBR Verification

P2 - 15.4.8 Spectrum of Rod Eject Accid (PWR) IBR Verification

P2 - 15.5.1 - 15.5.2 ECCS/CVCS Malfunction IBR Verification

P2 - 15.6.1 Inadvert Opening of PORV (PWR) or PRV (BWR) IBR Verification

P2 - 15.8 ATWS IBR Verification

P2 - 15.9 Boiling Water Reactor Stability - IBR Verification

P2 - 15.0 Safety Analysis Chapter Completion

P2 - Chap 15.0 PM Compile Advance SER

P2 - Chap 15.0 PM - LA - TE Review and Edit

P2 - Chap 15.0 Safety Analysis Branch chiefs concurrence

P2 - Chap 15.0 Safety Analysis OGC review and concurrence

P2 - Chap 15.0 Safety Analysis Chapter Complete

P2 - 16.0 Technical Specifications

P2 - 16.0 Technical Specifications IBR Verification

P2 - 16.0 Technical Specifications - Review Response and Complete Advance SER Input

P2 - 16.1 TS - General, Plant Sys, Refueling, & Adm Ctrls IBR Verification

P2 - 16.2 TS - SLs, Reactivity, Core Op Limits, & Special Ops - IBR Verification

P2 - 16.3 TS - Instrumentation - IBR Verification

P2 - 16.4 TS - RCS & ECCS - IBR Verification

P2 - 16.5 TS - Containment Sys - IBR Verification

P2 - 16.6 TS - Electrical Power Sys - IBR Verification

P2 - 16.0 Chapter Completion

P2 - Chap 16.0 PM Compile Advance SER

P2 - Chap 16.0 PM - LA - TE Review and Edit

P2 - Chap 16.0 Branch chiefs concurrence

P2 - Chap 16.0 OGC review and concurrence

P2 - Chap 16.0 Chapter Complete

P2 - 17.0 Quality Assurance

P2 - 17.0 Close Open Items - Site Specific

P2 - 17.4 and 17.6 Reliab Assur and MR - Applicant Supplemental RAI Response Period

P2 - 17.4 and 17.6 Reliab Assur and MR - Review Response and Complete Advance SER Input

P2 - 17.5 QA Program - Applicant Supplemental RAI Response Period

P2 - 17.5 QA Program - Review Response and Complete Advance SER Input

P2 - Chapter 17.0 PM Support

P2 - 17.0 Chapter Completion

- P2 - Chap 17.0 PM Compile Advance SER
- P2 - Chap 17.0 PM - LA - TE Review and Edit
- P2 - Chap 17.0 Branch chiefs concurrence
- P2 - Chap 17.0 OGC review and concurrence
- P2 - Chap 17.0 Chapter Complete

P2 - 18.0 Human Factors

P2 - 18.0 Human Factors IBR Verification

- P2 - 18.1 HFE Program Management IBR Verification
- P2 - 18.2 Operating Experience Review IBR Verification
- P2 - 18.3 Functional Requirements Analysis and Function Allocation IBR Verification
- P2 - 18.4 Task Analysis IBR Verification
- P2 - 18.5 Staffing and Qualifications IBR Verification
- P2 - 18.6 Human Reliability Analysis - IBR Verification
- P2 - 18.7 Human-System Interface Design - IBR Verification
- P2 - 18.8 Procedure Development IBR Verification
- P2 - 18.9 Training Program Development IBR Verification
- P2 - 18.10 Human Factors Verification and Validation IBR Verification
- P2 - 18.11 Design Implementation IBR Verification
- P2 - 18.12 Human Performance Monitoring IBR Verification
- P2 - 18.13 Minimum Inventory IBR Verification

P2 - 18.0 Chapter Completion

- P2 - Chap 18.0 PM Compiles Advance SER
- P2 - Chap 18.0 PM - LA - TE Review and Edit
- P2 - Chap 18.0 Branch chiefs concurrence
- P2 - Chap 18.0 OGC review and concurrence
- P2 - Chap 18.0 Chapter Complete

P2 - 19.0 Severe Accidents/Probabilistic Risk Assessment (PRA)

P2 - 19.0 Close Open Items - Site Specific

- P2 - 19.0 and 19.1 Probabilistic Risk Assessment - Applicant Supplemental RAI Response Period
- P2 - 19.0 and 19.1 Probabilistic Risk Assessment - Review Response and Complete Advance SER Inpt
- P2 - 19.2 Severe Accidents - Applicant Supplemental RAI Response Period
- P2 - 19.2 Severe Accidents - Review Response and Complete Advance SER Input

P2 - Chapter 19.0 PM Support

P2 - 19.0 Severe Accidents/Probabilistic Risk Assessment (PRA) IBR Verification

- P2 - 19.1.A (19.1.1, 19.1.8, & Ex. Sum.) - IBR Verification
- P2 - 19A RTNSS - IBR Verification
- P2 - 19B Deterministic Analysis for Containment Pressure Capacity - IBR Verification
- P2 - 19C Probabilistic Analysis for Containment Pressure Fragility - IBR Verification
- P2 - 19.2.1 Severe Accident Approach - IBR Verification
- P2 - 19.2.3.2.4 Evaluation of External Event Seismic - IBR Verification
- P2 - 19.3 Action Items - IBR Verification

P2 - 19.0 Chapter Completion

- P2 - Chap 19.0 PM Compile Advance SER
- P2 - Chap 19.0 PM - LA - TE Review and Edit
- P2 - Chap 19.0 Branch chiefs concurrence
- P2 - Chap 19.0 OGC review and concurrence
- P2 - Chap 19.0 Chapter Complete

Appendencies

P2 - Preparation of Appendices

- P2 - Appendix - Chronology
- P2 - Appendix - Reference List

- P2 - Appendix - RAIs
- P2 - Appendix - COL Action Items
- P2 - Appendix - Acronyms, Contributors, Other
- P2 - Appendices complete

P2 - Advanced SER with No OI Document Completion

- Phase 2 - Advanced SER with No OIs Chapter Input Complete
- P2 - LA format/Concurrence
- P2 - PM Review/Edit
- P2 - NRO division and external concurrence
- P2 - OGC Review and Concur
- P2 - Issue Advanced SER
- P2 - Managed Reserve

Phase 3 - ACRS Review of Advanced SER with No OI

- Phase 3 Support
- P3 Provide Advanced SER to ACRS
- P3 Prepare for ACRS Subcommittee and Committee Meetings
- P3 ACRS Subcommittee Meeting
- Phase 3 - ACRS Subcommittee Meeting on Advanced SER Complete
- P3 ACRS Full Committee Meeting
- Phase 3 - ACRS Full Committee Meeting on Advanced SER Complete
- Phase 3 - ACRS Interim Letter to Commission Received on Advanced SER

P3 Respond to ACRS Letter

- P3 Develop Response to ACRS Letter
- P3 Obtain Concurrence on Response to ACRS Letter**
- P3 PM, Tech Edit, LA, Branch Chiefs, OGC, Division Director, Office Director, EDO
- P3 Issue ACRS Response Letter
- Phase 3 - NRC Response Letter to ACRS Issued
- Phase 3 Complete

Phase 4 - FSER with No OI

- Phase 4 Support

P4 - Chapter Preparation

P4 - 1.0 Introduction and General Description of Plant

- P4 - 1.0 Resolution of ACRS OI
- P4 - 1.0 PM assembles sections
- P4 - 1.0 LA format/concurrence
- P4 - 1.0 PM review/edit
- P4 - 1.0 Tech editor review/edit/concurrence
- P4 - 1.0 PM review/edit/concur
- P4 - 1.0 Branch chiefs concurrence
- P4 - 1.0 Chapter Complete

P4 - 2.0 Site Characteristics

- P4 - 2.0 Resolution of ACRS OI
- P4 - 2.0 PM assembles sections
- P4 - 2.0 LA format/concurrence
- P4 - 2.0 PM review/edit
- P4 - 2.0 Tech editor review/edit/concurrence
- P4 - 2.0 PM review/edit/concur
- P4 - 2.0 Branch chiefs concurrence
- P4 - 2.0 Chapter Complete

P4 - 3.0 Design of Structures, Components, Equipment, and Systems

- P4 - 3.0 Resolution of ACRS OI

P4 - 3.0 PM assembles sections
P4 - 3.0 LA format/concurrence
P4 - 3.0 PM review/edit
P4 - 3.0 Tech editor review/edit/concurrence
P4 - 3.0 PM review/edit/concur
P4 - 3.0 Branch chiefs concurrence
P4 - 3.0 Chapter Complete

P4 - 4.0 Reactor

P4 - 4.0 Resolution of ACRS OI
P4 - 4.0 PM assembles sections
P4 - 4.0 LA format/concurrence
P4 - 4.0 PM review/edit
P4 - 4.0 Tech editor review/edit/concurrence
P4 - 4.0 PM review/edit/concur
P4 - 4.0 Branch chiefs concurrence
P4 - 4.0 Chapter Complete

P4 - 5.0 Reactor Coolant System and Connected Systems

P4 - 5.0 RCS Resolution of ACRS OI
P4 - 5.0 RCS PM assembles sections
P4 - 5.0 RCS LA format/concurrence
P4 - 5.0 RCS PM review/edit
P4 - 5.0 RCS Tech editor review/edit/concurrence
P4 - 5.0 RCS PM review/edit/concur
P4 - 5.0 RCS Branch chiefs concurrence
P4 - 5.0 RCS Chapter Complete

P4 - 6.0 Engineered Safety Features

P4 - 6.0 Resolution of ACRS OI
P4 - 6.0 ESF PM assembles sections
P4 - 6.0 ESF LA format/concurrence
P4 - 6.0 ESF PM review/edit
P4 - 6.0 ESF Tech editor review/edit/concurrence
P4 - 6.0 ESF PM review/edit/concur
P4 - 6.0 ESF Branch chiefs concurrence
P4 - 6.0 ESF Chapter Complete

P4 - 7.0 I&C Systems

P4 - 7.0 I&C Resolution of ACRS OI
P4 - 7.0 I&C PM assembles sections
P4 - 7.0 I&C LA format/concurrence
P4 - 7.0 I&C PM review/edit
P4 - 7.0 I&C Tech editor review/edit/concurrence
P4 - 7.0 I&C PM review/edit/concur
P4 - 7.0 I&C Branch chiefs concurrence
P4 - 7.0 I&C Chapter Complete

P4 - 8.0 Electric Power

P4 - 8.0 Electric Power Resolution of ACRS OI
P4 - 8.0 Electric Power PM assembles sections
P4 - 8.0 Electric Power LA format/concurrence
P4 - 8.0 Electric Power PM review/edit
P4 - 8.0 Electric Power Tech editor review/edit/concurrence
P4 - 8.0 Electric Power PM review/edit/concur
P4 - 8.0 Electric Power Branch chiefs concurrence

P4 - 8.0 Electric Power Chapter Complete

P4 - 9.0 Auxiliary Systems

P4 - 9.0 Aux Systems Resolution of ACRS OI
P4 - 9.0 Aux Systems PM assembles sections
P4 - 9.0 Aux Systems LA format/concurrence
P4 - 9.0 Aux Systems PM review/edit
P4 - 9.0 Aux Systems Tech editor review/edit/concurrence
P4 - 9.0 Aux Systems PM review/edit/concur
P4 - 9.0 Aux Systems Branch chiefs concurrence
P4 - 9.0 Aux Systems Chapter Complete

P4 - 10.0 Steam and Power Conversion System

P4 - 10.0 Steam and Pwr Conv Resolution of ACRS OI
P4 - 10.0 Steam and Pwr Conv PM assembles sections
P4 - 10.0 Steam and Pwr Conv LA format/concurrence
P4 - 10.0 Steam and Pwr Conv PM review/edit
P4 - 10.0 Steam and Pwr Conv Tech editor review/edit/concurrence
P4 - 10.0 Steam and Pwr Conv PM review/edit/concur
P4 - 10.0 Steam and Pwr Conv Branch chiefs concurrence
P4 - 10.0 Steam and Pwr Conv Chapter Complete

P4 - 11.0 Radioactive Waste Management

P4 - 11.0 Radioactive Waste Resolution of ACRS OI
P4 - 11.0 Radioactive Waste PM assembles sections
P4 - 11.0 Radioactive Waste LA format/concurrence
P4 - 11.0 Radioactive Waste PM review/edit
P4 - 11.0 Radioactive Waste Tech editor review/edit/concurrence
P4 - 11.0 Radioactive Waste PM review/edit/concur
P4 - 11.0 Radioactive Waste Branch chiefs concurrence
P4 - 11.0 Radioactive Waste Chapter Complete

P4 - 12.0 Radiation Protection

P4 - 12.0 Radiation Protection Resolution of ACRS OI
P4 - 12.0 Radiation Protection PM assembles sections
P4 - 12.0 Radiation Protection LA format/concurrence
P4 - 12.0 Radiation Protection PM review/edit
P4 - 12.0 Radiation Protection Tech editor review/edit/concurrence
P4 - 12.0 Radiation Protection PM review/edit/concur
P4 - 12.0 Radiation Protection Branch chiefs concurrence
P4 - 12.0 Radiation Protection Chapter Complete

P4 - 13.0 Conduct of Operations

P4 - 13.0 Conduct of Ops Resolution of ACRS OI
P4 - 13.0 Conduct of Ops PM assembles sections
P4 - 13.0 Conduct of Ops LA format/concurrence
P4 - 13.0 Conduct of Ops PM review/edit
P4 - 13.0 Conduct of Ops Tech editor review/edit/concurrence
P4 - 13.0 Conduct of Ops PM review/edit/concur
P4 - 13.0 Conduct of Ops Branch chiefs concurrence
P4 - 13.0 Conduct of Ops Chapter Complete

P4 - 14.0 Initial Test Program

P4 - 14.0 Initial Test Pgm Resolution of ACRS OI
P4 - 14.0 Initial Test Pgm PM assembles sections
P4 - 14.0 Initial Test Pgm LA format/concurrence
P4 - 14.0 Initial Test Pgm PM review/edit

- P4 - 14.0 Initial Test Pgm Tech editor review/edit/concurrence
- P4 - 14.0 Initial Test Pgm PM review/edit/concur
- P4 - 14.0 Initial Test Pgm Branch chiefs concurrence
- P4 - 14.0 Initial Test Pgm Chapter Complete

P4 - 15.0 Safety Analysis

- P4 - 15.0 Safety Analysis Resolution of ACRS OI
- P4 - 15.0 Safety Analysis PM assembles sections
- P4 - 15.0 Safety Analysis LA format/concurrence
- P4 - 15.0 Safety Analysis PM review/edit
- P4 - 15.0 Safety Analysis Tech editor review/edit/concurrence
- P4 - 15.0 Safety Analysis PM review/edit/concur
- P4 - 15.0 Safety Analysis Branch chiefs concurrence
- P4 - 15.0 Safety Analysis Chapter Complete

P4 - 16.0 Technical Specifications

- P4 - 16.0 Resolution of ACRS OI
- P4 - 16.0 PM assembles sections
- P4 - 16.0 LA format/concurrence
- P4 - 16.0 PM review/edit
- P4 - 16.0 Tech editor review/edit/concurrence
- P4 - 16.0 PM review/edit/concur
- P4 - 16.0 Branch chiefs concurrence
- P4 - 16.0 Chapter Complete

P4 - 17.0 Quality Assurance

- P4 - 17.0 Resolution of ACRS OI
- P4 - 17.0 PM assembles sections
- P4 - 17.0 LA format/concurrence
- P4 - 17.0 PM review/edit
- P4 - 17.0 Tech editor review/edit/concurrence
- P4 - 17.0 PM review/edit/concur
- P4 - 17.0 Branch chiefs concurrence
- P4 - 17.0 Chapter Complete

P4 - 18.0 Human Factors

- P4 - 18.0 Resolution of ACRS OI
- P4 - 18.0 PM assembles sections
- P4 - 18.0 LA format/concurrence
- P4 - 18.0 PM review/edit
- P4 - 18.0 Tech editor review/edit/concurrence
- P4 - 18.0 PM review/edit/concur
- P4 - 18.0 Branch chiefs concurrence
- P4 - 18.0 Chapter Complete

P4 - 19.0 Severe Accidents/Probabilistic Risk Assessment (PRA)

- P4 - 19.0 Resolution of ACRS OI
- P4 - 19.0 PM assembles sections
- P4 - 19.0 LA format/concurrence
- P4 - 19.0 PM review/edit
- P4 - 19.0 Tech editor review/edit/concurrence
- P4 - 19.0 PM review/edit/concur
- P4 - 19.0 Branch chiefs concurrence
- P4 - 19.0 Chapter Complete

P4 - FSER with No OI Document Completion

- Phase 4 - FSER with No OIs Chapter Input Complete

P4 - LA format/concurrence
P4 - PM review/edit
P4 - FSER Division Concurrences
P4 - FSER Division Comment Resolution
P4 - OGC review and comment
P4 - PM resolves OGC comments
P4 - OGC concurrence
Phase 4 - OGC Review and Concurrence of FSER Complete
P4 - NRO office director concurrence
P4 - Issue FSER
Phase 4 Complete - FSER Issued

Safety Review Complete

P4 - Managed Reserve

P4 Complete - FSER Issued (with Managed Reserve)

Environmental Review

Phase 1, Scoping

Prepare EIS Notice of Intent
Federal Register Notice of Intent Published
EIS Scoping Period Begins
P1 - Prepare for Scoping Meeting (NRC/PNNL)
P1 - EIS Public Scoping Meeting (NRC)
EIS Public Scoping Meeting Completed
P1 - EIS Scoping Period (NRC)
P1 EIS Scoping Period Ends
P1 - Bin EIS Scoping Comments (PNNL)
EIS Scoping Comments Binned (PNNL)
P1 - NRC Review of EIS Scoping Comments Binning
P1 - Draft Responses to EIS Scoping Comments (PNNL)
P1 - NRC Reviews Responses to EIS Scoping Comments (NRC)
P1 - Drafting EIS Scoping Summary Report (PNNL)
EIS Draft Scoping Summary Report Complete
Develop Scoping Summary Report Concurrence Pkg
P1 - OGC Review of EIS Scoping Summary (NRC)
OGC Review of EIS Scoping Summary Complete
P1 - Issue EIS Scoping Summary Report
EIS Scoping Summary Report Issued
EIS Phase 1 Managed Reserve
EIS Phase 1 - Scoping Complete (with Mgmt Reserve)

Phase 2, DEIS

P2 - Develop Pre-Audit Draft DEIS Sections
P2 - Prepare for Site Audit (NRC)
P2 - EIS Site Audit (NRC, PNNL, & DHS)
P2 - Prepare for EIS Site Audit of Alternate Sites (NRC)
P2 - EIS Site Audit of Alternate Sites (M-F) (NRC)
P2 - Prepare EIS RAIs (PNNL)
P2 - Review EIS RAIs (NRC)
P2 - Resolution of EIS RAIs with Contractor
P2 - OGC Review of EIS RAIs
OGC Review of EIS RAIs Complete
P2 - Resolve Comments on EIS RAIs
Issue EIS RAIs to Applicant

EIS RAIs Issued to Applicant
P2 - Applicant Prepare Responses to EIS RAIs (NRC)
EIS RAI Responses Received from Applicant
P2 - Authors Draft Sections of DEIS (PNNL)
DEIS Draft Sections to PNNL Task Leader (PNNL)
P2 - DEIS Sections Review and Editing (PNNL)
Preliminary DEIS to NRC (PNNL)
P2 - Review and Comment of Preliminary DEIS (NRC)
P2 - DEIS Writing Meeting at PNNL (M-F) (NRC/PNNL)
P2 - Edit DEIS After Writing Meeting (PNNL)
Camera Ready DEIS NUREG Delivered to NRC (PNNL)
P2 - Verify Contents of Camera Ready DEIS (NRC/PNNL)
P2 - OGC Review of DEIS and FR Notice (NRC)
OGC Review and Concurrence of DEIS Complete
P2 - Concurrence Review of DEIS NUREG (NRC) and publishing
DEIS NUREG Ready for Public Comment (NRC)
DEIS NUREG Filed with EPA
NRC Prepares FR Notice of Availability of DEIS
NRC Issues FR Notice of Availability of DEIS
P2 - EPA Prepares DEIS Notice of Filing
EPA Issues FR Notice of Filing for DEIS
EIS Phase 2 Managed Reserve
EIS Phase 2 - DEIS Complete (with Mgmt Reserve)

Phase 3, DEIS Comment Period

DEIS Public Comment Period Begins
P3 - Prepare for Public Meeting to Discuss DEIS (NRC/PNNL)
P3 - Public Meeting to Discuss DEIS Near Site (NRC)
DEIS Public Meeting Near Site Complete
P3 - DEIS Comment Period
DEIS Public Comment Period Ends
P3 - Bin DEIS Comments (PNNL)
P3 - DEIS Comments Binned (PNNL)
P3 - NRC Staff Comments on Binning of DEIS Comments (NRC)
P3 - Draft Responses to DEIS Comments (PNNL)
DEIS Draft Response Delivered to NRC (PNNL)
P3 - NRC Staff Comments on Response to DEIS Comments (NRC)
P3 - DEIS Response Writing Meeting (M-F) at PNNL (NRC/PNNL)
P3 - Revise DEIS Comment Responses to PTL (PNNL)
DEIS Responses to Public Comment Finalized
EIS Phase 3 Comment Period Managed Reserve
EIS Phase 3 - DEIS Responses to Public Comment Finalized (with Mgmt Reserve)

Phase 4, FEIS

P4 - Authors Draft Input to Preliminary FEIS and Contractor TL Reviews Input (PNNL)
Preliminary FEIS Author Input to TL and Tech Editor (PNNL)
P4 - Review and Editing of Preliminary FEIS (PNNL)
P4 - Preliminary FEIS Delivered to NRC (PNNL)
P4 - NRC Review and Comment on Preliminary FEIS (NRC)
P4 - Preliminary FEIS Writing Meeting (M-F) at PNNL (NRC/PNNL)
P4 - Edit Preliminary FEIS After Writing Meeting (PNNL)
Camera Ready FEIS NUREG Delivered to NRC (PNNL)
P4 - Verify Contents of Camera Ready FEIS (NRC/PNNL)

P4 - OGC Review of FEIS NUREG and FR Notice (NRC)
OGC Review and Concurrence of FEIS Complete
P4 - Concurrence Review of FEIS NUREG (NRC) and publishing
FEIS Published to ADAMS
P4 - EIS Records Consolidation
P4 - Prepare FRN of Availability of FEIS (NRC)
EIS Phase 4 - Federal Register Notice of Availability of FEIS Issued
EIS Phase 4 FEIS Managed Reserve
EIS Phase 4 - Federal Register Notice of Availability of FEIS Issued (with Mgmt Reserve)
EIS Phase 4 - Federal Register Notice of Availability of FEIS Published
Environmental Review Complete

Hearings

Pre FSER/FEIS PreHearing

Pre FSER/FEIS PreHearing Resources
Petitioners Prepare Petitions for Intervention
Deadline for Receipt of Petitions to Intervene/ Request for Hearing with Contentions
NRC Prepares Answers to Petitions and Contentions
Answers to Petitions and Contentions Submitted to ASLBP
Petitioners Prepare Responses
Petitioners Responses Submitted to ASLBP
Prepare for Prehearing Conference
Prehearing Conference
Prehearing Conference Completed
ASLB Prepares Prehearing Conference Order
ASLBP Issues Prehearing Conference Order (Identifies Participants in Proceeding, Admit Contentions)
Prepare Hearing File
Hearing File
Prepare Appeals
Appeals on Prehearing Conference Order Filed with Commission
Prepare Commission Ruling
Commission Ruling on Appeals to Prehearing Conference Order

Post FSER/FEIS Hearing

Post FSER/FEIS Hearing Resources
Prepare Late-Filed Contentions on FSER & FEIS
Deadline for Submitted Late-Filed Contentions to ASLBP
Prepare Motion for Summary Disposition of Previously Admitted Contentions
Motion for Summary Disposition of Previously Admitted Contentions Due
Prepare Response to Late-Filed Contentions
Response to Late-Filed Contentions Submitted to ASLBP
Prepare ASLB Decision on Late-Filed Contentions
ASLB Decision on Late-Filed Contentions
ASLB Set Final Schedule for Remainder of Proceeding
Prepare Updates to Mandatory Disclosures From All Parties
Updates to Mandatory Disclosures From All Parties
Prepare Motions for Summary Disposition
Motions for Summary Disposition Due to ASLBP
Prepare Written Direct Testimony
Written Direct Testimony Filed
Prepare for Evidentiary Hearing
Evidentiary Hearing Begins
Conduct Hearings

Evidentiary Hearing Ends
ASLBP Prepares Initial Decision
ASLB Initial Decision Issued
Commission Licensing Decision Issued

Commission decision on issuance of COL

Prepare COL Licensing Package
Preparation of Licensing Package Completed

Obtain Concurrences

Obtain Branch Chief Concurrence
Obtain Division Director Concurrence
Obtain OGC Concurrence
Obtain Office Director Concurrence
Obtain EDO Concurrence

Obtain Concurrences: Branch Chiefs, Division Directors, OGC, Office Director, EDO

Commission decision on issuance of COL

NPLS schedule support

Name: NRCDOMAINMJW2

stamp: Monday, February 23, 2009 11:27:37 AM

% Complete	Duration	Start	Finish	Work
100%	0d	11/25/2008	11/25/2008	0h
100%	0d	11/25/2008	11/25/2008	0h
100%	0d	11/25/2008	11/25/2008	0h
0%	647d	11/25/2008	6/17/2011	28,779.09h
1%	287d	11/25/2008	1/19/2010	13,547.4h
0%	239d	11/25/2008	11/5/2009	560h
1%	287d	11/25/2008	1/19/2010	12,987.4h
0%	225d	11/25/2008	10/16/2009	607h
0%	210d	11/25/2008	9/24/2009	507h
0%	100d	11/25/2008	4/20/2009	100h
0%	20d	5/19/2009	6/16/2009	0h
0%	70d	6/17/2009	9/24/2009	20h
0%	100d	11/25/2008	4/20/2009	160h
0%	20d	5/19/2009	6/16/2009	0h
0%	70d	6/17/2009	9/24/2009	54h
0%	100d	11/25/2008	4/20/2009	5h
0%	20d	5/19/2009	6/16/2009	0h
0%	70d	6/17/2009	9/24/2009	2h
0%	100d	11/25/2008	4/20/2009	100h
0%	20d	5/19/2009	6/16/2009	0h
0%	70d	6/17/2009	9/24/2009	66h
0%	220d	12/3/2008	10/16/2009	100h
0%	220d	12/3/2008	10/16/2009	100h
2%	195d	11/25/2008	9/2/2009	4,957h
2%	175d	11/25/2008	8/5/2009	4,665h
0%	29d	11/25/2008	1/7/2009	20h
0%	20d	2/6/2009	3/6/2009	0h
0%	30d	3/9/2009	4/17/2009	8h
90%	15d	11/25/2008	12/16/2008	15h
0%	20d	1/16/2009	2/13/2009	0h
0%	10d	2/17/2009	3/2/2009	6h
90%	15d	11/25/2008	12/16/2008	15h
0%	20d	1/16/2009	2/13/2009	0h
0%	10d	2/17/2009	3/2/2009	6h
90%	15d	11/25/2008	12/16/2008	15h
0%	20d	1/16/2009	2/13/2009	0h
0%	10d	2/17/2009	3/2/2009	6h
0%	50d	11/25/2008	2/6/2009	16h
0%	20d	3/10/2009	4/6/2009	0h
0%	15d	4/7/2009	4/27/2009	10h
0%	50d	11/25/2008	2/6/2009	15h
0%	20d	3/10/2009	4/6/2009	0h
0%	15d	4/7/2009	4/27/2009	6h
0%	85d	11/25/2008	3/30/2009	84h
0%	20d	4/28/2009	5/26/2009	0h
0%	50d	5/27/2009	8/5/2009	38h
0%	85d	11/25/2008	3/30/2009	60h

0%	20d	4/28/2009	5/26/2009	0h
0%	50d	5/27/2009	8/5/2009	27h
0%	85d	11/25/2008	3/30/2009	60h
0%	20d	4/28/2009	5/26/2009	0h
0%	50d	5/27/2009	8/5/2009	27h
0%	85d	11/25/2008	3/30/2009	84h
0%	20d	4/28/2009	5/26/2009	0h
0%	50d	5/27/2009	8/5/2009	38h
0%	85d	11/25/2008	3/30/2009	60h
0%	20d	4/28/2009	5/26/2009	0h
0%	50d	5/27/2009	8/5/2009	27h
0%	96d	11/25/2008	4/14/2009	691h
0%	20d	5/13/2009	6/10/2009	0h
0%	30d	6/11/2009	7/23/2009	517h
0%	96d	11/25/2008	4/14/2009	144h
0%	20d	5/13/2009	6/10/2009	0h
0%	30d	6/11/2009	7/23/2009	84h
0%	100d	11/25/2008	4/20/2009	506h
0%	20d	5/19/2009	6/16/2009	0h
0%	30d	6/17/2009	7/29/2009	187h
0%	100d	11/25/2008	4/20/2009	411h
0%	20d	5/19/2009	6/16/2009	0h
0%	30d	6/17/2009	7/29/2009	161h
5%	100d	11/25/2008	4/20/2009	968h
0%	20d	5/19/2009	6/16/2009	0h
0%	30d	6/17/2009	7/29/2009	353h
0%	190d	12/3/2008	9/2/2009	292h
0%	190d	12/3/2008	9/2/2009	292h
0%	190d	11/25/2008	8/26/2009	632h
0%	170d	11/25/2008	7/29/2009	450h
0%	100d	11/25/2008	4/20/2009	61h
0%	20d	5/19/2009	6/16/2009	0h
0%	30d	6/17/2009	7/29/2009	75h
0%	100d	11/25/2008	4/20/2009	51h
0%	20d	5/19/2009	6/16/2009	0h
0%	30d	6/17/2009	7/29/2009	75h
0%	100d	11/25/2008	4/20/2009	41h
0%	20d	5/19/2009	6/16/2009	0h
0%	30d	6/17/2009	7/29/2009	69h
0%	100d	11/25/2008	4/20/2009	20h
0%	20d	5/19/2009	6/16/2009	0h
0%	30d	6/17/2009	7/29/2009	7h
0%	10d	11/25/2008	12/9/2008	6h
0%	20d	1/9/2009	2/6/2009	0h
0%	30d	2/9/2009	3/23/2009	7h
0%	10d	11/25/2008	12/9/2008	25h
0%	20d	1/9/2009	2/6/2009	0h
0%	30d	2/9/2009	3/23/2009	13h
0%	190d	11/25/2008	8/26/2009	182h
0%	190d	11/25/2008	8/26/2009	182h
0%	120d	11/25/2008	5/18/2009	224h

0%	100d	11/25/2008	4/20/2009	112h
0%	30d	11/25/2008	1/8/2009	96h
0%	20d	2/9/2009	3/9/2009	0h
0%	30d	3/10/2009	4/20/2009	16h
0%	120d	11/25/2008	5/18/2009	112h
0%	120d	11/25/2008	5/18/2009	112h
0%	117d	11/25/2008	5/13/2009	420h
0%	95d	11/25/2008	4/13/2009	308h
0%	25d	11/25/2008	12/31/2008	20h
0%	20d	2/2/2009	3/2/2009	0h
0%	30d	3/3/2009	4/13/2009	9h
0%	25d	11/25/2008	12/31/2008	135h
0%	20d	2/2/2009	3/2/2009	0h
0%	30d	3/3/2009	4/13/2009	80h
0%	25d	11/25/2008	12/31/2008	20h
0%	20d	2/2/2009	3/2/2009	0h
0%	30d	3/3/2009	4/13/2009	12h
0%	25d	11/25/2008	12/31/2008	20h
0%	20d	2/2/2009	3/2/2009	0h
0%	30d	3/3/2009	4/13/2009	12h
0%	117d	11/25/2008	5/13/2009	112h
0%	117d	11/25/2008	5/13/2009	112h
3%	162d	11/25/2008	7/17/2009	712h
4%	140d	11/25/2008	6/16/2009	590h
0%	10d	11/25/2008	12/9/2008	70h
0%	20d	1/9/2009	2/6/2009	0h
0%	10d	2/9/2009	2/23/2009	47h
0%	10d	12/1/2008	12/12/2008	16h
0%	20d	1/14/2009	2/11/2009	0h
0%	10d	2/12/2009	2/26/2009	3h
100%	5d	11/25/2008	12/2/2008	4h
0%	20d	1/2/2009	1/30/2009	0h
30%	30d	2/2/2009	3/16/2009	3h
100%	5d	11/25/2008	12/2/2008	69h
0%	20d	1/2/2009	1/30/2009	0h
0%	30d	2/2/2009	3/16/2009	14h
100%	5d	11/25/2008	12/2/2008	30h
0%	20d	1/2/2009	1/30/2009	0h
0%	30d	2/2/2009	3/16/2009	10h
0%	10d	11/25/2008	12/9/2008	19h
0%	20d	1/9/2009	2/6/2009	0h
0%	30d	2/9/2009	3/23/2009	14h
0%	10d	11/25/2008	12/9/2008	80h
0%	20d	1/9/2009	2/6/2009	0h
0%	70d	2/9/2009	5/18/2009	107h
0%	10d	11/25/2008	12/9/2008	24h
0%	20d	1/9/2009	2/6/2009	0h
0%	30d	2/9/2009	3/23/2009	11h
0%	70d	11/25/2008	3/9/2009	50h
0%	20d	4/7/2009	5/4/2009	0h
0%	30d	5/5/2009	6/16/2009	19h

0%	162d	11/25/2008	7/17/2009	122h
0%	162d	11/25/2008	7/17/2009	122h
0%	102d	11/25/2008	4/22/2009	306h
0%	86d	11/25/2008	3/31/2009	194h
0%	10d	11/25/2008	12/9/2008	134h
0%	20d	1/9/2009	2/6/2009	0h
0%	36d	2/9/2009	3/31/2009	60h
0%	102d	11/25/2008	4/22/2009	112h
0%	102d	11/25/2008	4/22/2009	112h
0%	168d	11/25/2008	7/27/2009	749h
0%	145d	11/25/2008	6/23/2009	567h
0%	75d	11/25/2008	3/16/2009	88h
0%	20d	4/14/2009	5/11/2009	0h
0%	30d	5/12/2009	6/23/2009	59h
0%	75d	11/25/2008	3/16/2009	128h
0%	20d	4/14/2009	5/11/2009	0h
0%	30d	5/12/2009	6/23/2009	59h
0%	75d	11/25/2008	3/16/2009	88h
0%	20d	4/14/2009	5/11/2009	0h
0%	30d	5/12/2009	6/23/2009	59h
0%	75d	11/25/2008	3/16/2009	46h
0%	20d	4/14/2009	5/11/2009	0h
0%	30d	5/12/2009	6/23/2009	40h
0%	168d	11/25/2008	7/27/2009	182h
0%	168d	11/25/2008	7/27/2009	182h
0%	162d	11/25/2008	7/17/2009	546h
0%	140d	11/25/2008	6/16/2009	364h
0%	70d	11/25/2008	3/9/2009	72h
0%	20d	4/7/2009	5/4/2009	0h
0%	30d	5/5/2009	6/16/2009	57h
0%	70d	11/25/2008	3/9/2009	140h
0%	20d	4/7/2009	5/4/2009	0h
0%	30d	5/5/2009	6/16/2009	95h
0%	162d	11/25/2008	7/17/2009	182h
0%	162d	11/25/2008	7/17/2009	182h
0%	287d	11/25/2008	1/19/2010	2,288.4h
0%	287d	11/25/2008	1/19/2010	2,096.4h
0%	30d	11/25/2008	1/8/2009	41h
0%	20d	1/9/2009	2/6/2009	0h
0%	30d	3/10/2009	4/20/2009	19h
0%	30d	11/25/2008	1/8/2009	41h
0%	20d	1/9/2009	2/6/2009	0h
0%	30d	3/10/2009	4/20/2009	19h
0%	30d	11/25/2008	1/8/2009	30h
0%	20d	1/9/2009	2/6/2009	0h
0%	30d	3/10/2009	4/20/2009	13h
0%	30d	11/25/2008	1/8/2009	30h
0%	20d	2/9/2009	3/9/2009	0h
0%	30d	3/10/2009	4/20/2009	13h
0%	129d	11/25/2008	6/1/2009	495h
0%	90d	11/25/2008	4/6/2009	61h

0%	129d	11/25/2008	6/1/2009	61h
0%	30d	6/2/2009	7/14/2009	120h
0%	5d	7/15/2009	7/21/2009	30h
0%	10d	7/22/2009	8/4/2009	0.1h
0%	0d	9/9/2009	9/9/2009	0h
0%	20d	9/10/2009	10/7/2009	0h
0%	48d	4/7/2009	6/12/2009	0h
0%	20d	8/5/2009	9/1/2009	60h
0%	20d	8/5/2009	9/1/2009	2h
0%	3d	10/8/2009	10/13/2009	12h
0%	48d	4/7/2009	6/12/2009	0h
0%	30d	10/14/2009	11/25/2009	61h
0%	33d	10/8/2009	11/25/2009	141h
0%	10d	10/8/2009	10/22/2009	21h
0%	5d	11/27/2009	12/3/2009	30h
0%	5d	12/4/2009	12/10/2009	30h
0%	5d	12/11/2009	12/17/2009	0.1h
0%	20d	12/18/2009	1/19/2010	32h
0%	20d	12/18/2009	1/19/2010	17h
0%	85d	11/25/2008	3/30/2009	2h
0%	20d	4/28/2009	5/26/2009	0h
0%	30d	5/27/2009	7/8/2009	10h
0%	30d	11/25/2008	1/8/2009	15h
0%	20d	2/9/2009	3/9/2009	0h
0%	30d	3/10/2009	4/20/2009	7h
0%	30d	11/25/2008	1/8/2009	15h
0%	20d	2/9/2009	3/9/2009	0h
0%	30d	3/10/2009	4/20/2009	9h
0%	90d	4/1/2009	8/6/2009	300h
0%	20d	9/4/2009	10/2/2009	0h
0%	30d	10/5/2009	11/17/2009	133h
0%	90d	4/1/2009	8/6/2009	40h
0%	20d	9/4/2009	10/2/2009	0h
0%	30d	10/5/2009	11/17/2009	30h
0%	10d	11/25/2008	12/9/2008	0.1h
0%	90d	12/10/2008	4/20/2009	0.1h
0%	5d	1/12/2009	1/16/2009	40h
0%	20d	4/21/2009	5/18/2009	100h
0%	10d	5/19/2009	6/2/2009	16h
0%	241d	11/25/2008	11/9/2009	192h
0%	241d	11/25/2008	11/9/2009	192h
0%	246d	11/25/2008	11/17/2009	857h
0%	246d	11/25/2008	11/17/2009	689h
0%	85d	11/25/2008	3/30/2009	44h
0%	20d	4/28/2009	5/26/2009	0h
0%	30d	5/27/2009	7/8/2009	30h
0%	82d	11/25/2008	3/25/2009	315h
0%	20d	4/23/2009	5/20/2009	0h
0%	30d	5/21/2009	7/2/2009	67h
0%	85d	11/25/2008	3/30/2009	5h
0%	20d	4/28/2009	5/26/2009	0h

0%	30d	5/27/2009	7/8/2009	6h
0%	85d	11/25/2008	3/30/2009	24h
0%	20d	4/28/2009	5/26/2009	0h
0%	30d	5/27/2009	7/8/2009	10h
0%	85d	11/25/2008	3/30/2009	35h
0%	20d	4/28/2009	5/26/2009	0h
0%	30d	5/27/2009	7/8/2009	23h
0%	90d	11/25/2008	4/6/2009	20h
0%	20d	5/5/2009	6/2/2009	0h
0%	33d	6/3/2009	7/20/2009	20h
0%	90d	4/1/2009	8/6/2009	60h
0%	20d	9/4/2009	10/2/2009	0h
0%	30d	10/5/2009	11/17/2009	30h
0%	240d	11/25/2008	11/6/2009	168h
0%	240d	11/25/2008	11/6/2009	168h
3%	165d	11/25/2008	7/22/2009	157h
6%	140d	11/25/2008	6/16/2009	45h
99%	10d	11/25/2008	12/9/2008	12h
0%	20d	1/9/2009	2/6/2009	0h
0%	30d	2/9/2009	3/23/2009	8h
0%	70d	11/25/2008	3/9/2009	15h
0%	20d	4/7/2009	5/4/2009	0h
0%	30d	5/5/2009	6/16/2009	10h
0%	165d	11/25/2008	7/22/2009	112h
0%	165d	11/25/2008	7/22/2009	112h
2%	176d	11/25/2008	8/6/2009	532h
4%	155d	11/25/2008	7/8/2009	432h
13%	85d	11/25/2008	3/30/2009	224h
0%	20d	4/28/2009	5/26/2009	0h
0%	30d	5/27/2009	7/8/2009	181h
0%	85d	11/25/2008	3/30/2009	16h
0%	20d	4/28/2009	5/26/2009	0h
0%	30d	5/27/2009	7/8/2009	11h
0%	176d	11/25/2008	8/6/2009	100h
0%	176d	11/25/2008	8/6/2009	100h
0%	0d	11/9/2009	11/9/2009	0h
0%	30d	11/10/2009	12/23/2009	0h
0%	0d	12/23/2009	12/23/2009	0h
0%	421d	3/24/2009	11/23/2010	11,537.19h
0%	80d	10/19/2009	2/12/2010	644h
0%	338d	3/24/2009	7/26/2010	10,601.09h
0%	110d	10/19/2009	3/29/2010	424.1h
0%	72d	10/26/2009	2/9/2010	260h
0%	20d	10/26/2009	11/23/2009	0h
0%	52d	11/24/2009	2/9/2010	18h
0%	20d	10/26/2009	11/23/2009	0h
0%	30d	11/24/2009	1/7/2010	107h
0%	20d	10/26/2009	11/23/2009	0h
0%	30d	11/24/2009	1/7/2010	2h
0%	20d	10/26/2009	11/23/2009	0h
0%	30d	11/24/2009	1/7/2010	133h

0%	52d	10/19/2009	1/4/2010	20h
0%	33d	2/9/2010	3/29/2010	144.1h
0%	0d	2/9/2010	2/9/2010	0h
0%	12d	2/10/2010	2/26/2010	88h
0%	10d	3/1/2010	3/12/2010	0.1h
0%	11d	3/15/2010	3/29/2010	56h
0%	0d	3/29/2010	3/29/2010	0h
0%	220d	3/31/2009	2/12/2010	2,264.1h
0%	155d	3/31/2009	11/6/2009	1,927h
0%	20d	5/18/2009	6/15/2009	0h
0%	20d	6/16/2009	7/14/2009	12h
0%	20d	3/31/2009	4/27/2009	0h
0%	20d	4/28/2009	5/26/2009	11h
0%	20d	3/31/2009	4/27/2009	0h
0%	20d	4/28/2009	5/26/2009	11h
0%	20d	3/31/2009	4/27/2009	0h
0%	20d	4/28/2009	5/26/2009	11h
0%	20d	5/27/2009	6/23/2009	0h
0%	20d	6/24/2009	7/22/2009	13h
0%	20d	5/27/2009	6/23/2009	0h
0%	20d	6/24/2009	7/22/2009	3h
0%	20d	9/3/2009	10/1/2009	0h
0%	20d	10/2/2009	10/30/2009	28h
0%	20d	9/3/2009	10/1/2009	0h
0%	20d	10/2/2009	10/30/2009	23h
0%	20d	9/3/2009	10/1/2009	0h
0%	20d	10/2/2009	10/30/2009	23h
0%	20d	9/3/2009	10/1/2009	0h
0%	20d	10/2/2009	10/30/2009	28h
0%	20d	9/3/2009	10/1/2009	0h
0%	20d	10/2/2009	10/30/2009	23h
0%	20d	8/21/2009	9/18/2009	0h
0%	20d	9/21/2009	10/19/2009	451h
0%	20d	8/21/2009	9/18/2009	0h
0%	30d	9/21/2009	11/2/2009	225h
0%	20d	8/27/2009	9/24/2009	0h
0%	30d	9/25/2009	11/6/2009	393h
0%	20d	8/27/2009	9/24/2009	0h
0%	30d	9/25/2009	11/6/2009	216h
0%	20d	8/27/2009	9/24/2009	0h
0%	30d	9/25/2009	11/6/2009	456h
0%	60d	9/3/2009	12/1/2009	80h
0%	65d	11/9/2009	2/12/2010	257.1h
0%	20d	11/9/2009	12/8/2009	1h
0%	20d	12/9/2009	1/7/2010	152h
0%	10d	1/8/2010	1/22/2010	20.1h
0%	15d	1/25/2010	2/12/2010	84h
0%	0d	2/12/2010	2/12/2010	0h
0%	205d	4/21/2009	2/12/2010	1,806.1h
0%	140d	4/21/2009	11/6/2009	376h
0%	20d	8/27/2009	9/24/2009	0h

0%	30d	9/25/2009	11/6/2009	104h
0%	20d	8/27/2009	9/24/2009	0h
0%	30d	9/25/2009	11/6/2009	104h
0%	20d	8/27/2009	9/24/2009	0h
0%	30d	9/25/2009	11/6/2009	89h
0%	20d	8/27/2009	9/24/2009	0h
0%	30d	9/25/2009	11/6/2009	8h
0%	20d	4/21/2009	5/18/2009	0h
0%	30d	5/19/2009	6/30/2009	43h
0%	20d	4/21/2009	5/18/2009	0h
0%	30d	5/19/2009	6/30/2009	28h
0%	60d	8/27/2009	11/23/2009	40h
0%	30d	5/19/2009	6/30/2009	1,197h
0%	30d	5/19/2009	6/30/2009	10h
0%	30d	5/19/2009	6/30/2009	50h
0%	30d	5/19/2009	6/30/2009	50h
0%	30d	5/19/2009	6/30/2009	84h
0%	30d	5/19/2009	6/30/2009	84h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	84h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	1h
0%	30d	5/19/2009	6/30/2009	26h
0%	30d	5/19/2009	6/30/2009	30h
0%	30d	5/19/2009	6/30/2009	1h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	4h
0%	16d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	100h
0%	30d	5/19/2009	6/30/2009	84h
0%	30d	5/19/2009	6/30/2009	84h
0%	30d	5/19/2009	6/30/2009	84h
0%	30d	5/19/2009	6/30/2009	84h
0%	30d	5/19/2009	6/30/2009	84h
0%	30d	5/19/2009	6/30/2009	40h
0%	30d	5/19/2009	6/30/2009	25h
0%	30d	5/19/2009	6/30/2009	20h
0%	30d	5/19/2009	6/30/2009	20h
0%	30d	5/19/2009	6/30/2009	40h
0%	30d	5/19/2009	6/30/2009	21h
0%	30d	5/19/2009	6/30/2009	21h
0%	30d	5/19/2009	6/30/2009	40h
0%	30d	5/19/2009	6/30/2009	6h
0%	65d	11/9/2009	2/12/2010	193.1h
0%	20d	11/9/2009	12/8/2009	1h
0%	20d	12/9/2009	1/7/2010	108h
0%	10d	1/8/2010	1/22/2010	20.1h
0%	15d	1/25/2010	2/12/2010	64h
0%	0d	2/12/2010	2/12/2010	0h
0%	83d	5/19/2009	9/15/2009	260.1h
0%	30d	5/19/2009	6/30/2009	78h

0%	30d	5/19/2009	6/30/2009	16h
0%	30d	5/19/2009	6/30/2009	16h
0%	30d	5/19/2009	6/30/2009	24h
0%	30d	5/19/2009	6/30/2009	6h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	53d	7/1/2009	9/15/2009	182.1h
0%	20d	7/1/2009	7/29/2009	8h
0%	12d	7/30/2009	8/14/2009	90h
0%	10d	8/17/2009	8/28/2009	20.1h
0%	11d	8/31/2009	9/15/2009	64h
0%	0d	9/15/2009	9/15/2009	0h
0%	83d	5/18/2009	9/15/2009	362.1h
0%	30d	5/18/2009	6/30/2009	180h
0%	30d	5/19/2009	6/30/2009	42h
0%	30d	5/19/2009	6/30/2009	42h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/18/2009	6/30/2009	6h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	6h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	53d	7/1/2009	9/15/2009	182.1h
0%	20d	7/1/2009	7/29/2009	8h
0%	12d	7/30/2009	8/14/2009	90h
0%	10d	8/17/2009	8/28/2009	20.1h
0%	11d	8/31/2009	9/15/2009	64h
0%	0d	9/15/2009	9/15/2009	0h
0%	113d	5/19/2009	10/28/2009	311.1h
0%	60d	5/19/2009	8/12/2009	9h
0%	20d	5/19/2009	6/16/2009	0h
0%	40d	6/17/2009	8/12/2009	9h
0%	70d	5/19/2009	8/26/2009	20h
0%	30d	5/19/2009	6/30/2009	131h
0%	30d	5/19/2009	6/30/2009	6h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	40h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	46h
0%	30d	5/19/2009	6/30/2009	15h
0%	53d	8/13/2009	10/28/2009	151.1h
0%	20d	8/13/2009	9/10/2009	1h
0%	12d	9/11/2009	9/28/2009	78h

0%	10d	9/29/2009	10/13/2009	8.1h
0%	11d	10/14/2009	10/28/2009	64h
0%	0d	10/28/2009	10/28/2009	0h
0%	83d	5/19/2009	9/15/2009	268.1h
0%	30d	5/19/2009	6/30/2009	116h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	16h
0%	30d	5/19/2009	6/30/2009	16h
0%	30d	5/19/2009	6/30/2009	16h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	16h
0%	30d	5/19/2009	6/30/2009	12h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	53d	7/1/2009	9/15/2009	152.1h
0%	20d	7/1/2009	7/29/2009	8h
0%	12d	7/30/2009	8/14/2009	60h
0%	10d	8/17/2009	8/28/2009	20.1h
0%	11d	8/31/2009	9/15/2009	64h
0%	0d	9/15/2009	9/15/2009	0h
0%	103d	5/12/2009	10/6/2009	366h
0%	50d	5/12/2009	7/22/2009	147h
0%	20d	5/12/2009	6/9/2009	0h
0%	30d	6/10/2009	7/22/2009	26h
0%	20d	5/12/2009	6/9/2009	0h
0%	30d	6/10/2009	7/22/2009	67h
0%	20d	5/12/2009	6/9/2009	0h
0%	30d	6/10/2009	7/22/2009	27h
0%	20d	5/12/2009	6/9/2009	0h
0%	30d	6/10/2009	7/22/2009	27h
0%	60d	5/14/2009	8/7/2009	20h
0%	30d	5/19/2009	6/30/2009	18h
0%	30d	5/19/2009	6/30/2009	18h
0%	53d	7/23/2009	10/6/2009	181h
0%	20d	7/23/2009	8/19/2009	1h
0%	12d	8/20/2009	9/4/2009	88h
0%	10d	9/8/2009	9/21/2009	36h
0%	11d	9/22/2009	10/6/2009	56h
0%	0d	10/6/2009	10/6/2009	0h
0%	183d	3/24/2009	12/11/2009	566.5h
0%	130d	3/24/2009	9/24/2009	266h
0%	20d	3/24/2009	4/20/2009	0h
0%	30d	4/21/2009	6/2/2009	64h
0%	20d	3/27/2009	4/23/2009	0h
0%	30d	4/24/2009	6/5/2009	1h
0%	20d	4/14/2009	5/11/2009	0h
0%	30d	5/12/2009	6/23/2009	8h
0%	20d	4/14/2009	5/11/2009	0h
0%	30d	5/12/2009	6/23/2009	21h
0%	20d	4/14/2009	5/11/2009	0h

0%	30d	5/12/2009	6/23/2009	19h
0%	20d	4/21/2009	5/18/2009	0h
0%	30d	5/19/2009	6/30/2009	16h
0%	20d	6/17/2009	7/15/2009	0h
0%	30d	7/16/2009	8/26/2009	103h
0%	20d	4/21/2009	5/18/2009	0h
0%	30d	5/19/2009	6/30/2009	5h
0%	20d	7/16/2009	8/12/2009	0h
0%	30d	8/13/2009	9/24/2009	29h
0%	60d	7/20/2009	10/13/2009	20h
0%	44d	5/19/2009	7/21/2009	71.4h
0%	30d	5/19/2009	6/30/2009	4h
0%	44d	5/19/2009	7/21/2009	8h
0%	44d	5/19/2009	7/21/2009	8h
0%	30d	5/19/2009	6/30/2009	0.2h
0%	30d	5/19/2009	6/30/2009	0.2h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	11h
0%	30d	5/19/2009	6/30/2009	6h
0%	30d	5/19/2009	7/21/2009	4h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	53d	9/25/2009	12/11/2009	209.1h
0%	20d	9/25/2009	10/23/2009	1h
0%	12d	10/26/2009	11/10/2009	108h
0%	10d	11/12/2009	11/25/2009	16.1h
0%	11d	11/27/2009	12/11/2009	84h
0%	0d	12/11/2009	12/11/2009	0h
0%	107d	4/23/2009	9/23/2009	334h
0%	50d	4/29/2009	7/9/2009	65h
0%	20d	4/29/2009	5/27/2009	0h
0%	30d	5/28/2009	7/9/2009	65h
0%	60d	4/23/2009	7/17/2009	20h
0%	30d	5/19/2009	6/30/2009	52h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	12h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	6h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	4h
0%	30d	5/19/2009	6/30/2009	6h
0%	30d	5/19/2009	6/30/2009	4h
0%	53d	7/10/2009	9/23/2009	197h
0%	20d	7/10/2009	8/6/2009	1h
0%	12d	8/7/2009	8/24/2009	88h

0%	10d	8/25/2009	9/8/2009	44h
0%	11d	9/9/2009	9/23/2009	64h
0%	0d	9/23/2009	9/23/2009	0h
0%	148d	5/19/2009	12/18/2009	424.1h
0%	50d	7/23/2009	10/1/2009	215h
0%	20d	7/23/2009	8/19/2009	0h
0%	30d	8/20/2009	10/1/2009	57h
0%	20d	7/23/2009	8/19/2009	0h
0%	30d	8/20/2009	10/1/2009	57h
0%	20d	7/23/2009	8/19/2009	0h
0%	30d	8/20/2009	10/1/2009	57h
0%	20d	7/23/2009	8/19/2009	0h
0%	30d	8/20/2009	10/1/2009	44h
0%	60d	7/28/2009	10/21/2009	20h
0%	30d	5/19/2009	6/30/2009	36h
0%	30d	5/19/2009	6/30/2009	36h
0%	53d	10/2/2009	12/18/2009	153.1h
0%	20d	10/2/2009	10/30/2009	1h
0%	12d	11/2/2009	11/18/2009	88h
0%	10d	11/19/2009	12/3/2009	0.1h
0%	11d	12/4/2009	12/18/2009	64h
0%	0d	12/18/2009	12/18/2009	0h
0%	143d	5/19/2009	12/11/2009	334h
0%	50d	7/16/2009	9/24/2009	105h
0%	20d	7/16/2009	8/12/2009	0h
0%	30d	8/13/2009	9/24/2009	48h
0%	20d	7/16/2009	8/12/2009	0h
0%	30d	8/13/2009	9/24/2009	57h
0%	60d	7/20/2009	10/13/2009	20h
0%	30d	5/19/2009	6/30/2009	20h
0%	30d	5/19/2009	6/30/2009	10h
0%	30d	5/19/2009	6/30/2009	10h
0%	53d	9/25/2009	12/11/2009	189h
0%	20d	9/25/2009	10/23/2009	1h
0%	12d	10/26/2009	11/10/2009	88h
0%	10d	11/12/2009	11/25/2009	36h
0%	11d	11/27/2009	12/11/2009	64h
0%	0d	12/11/2009	12/11/2009	0h
0%	298d	5/19/2009	7/26/2010	1,000.2h
0%	245d	5/19/2009	5/10/2010	731.1h
0%	20d	5/19/2009	6/16/2009	0h
0%	20d	6/17/2009	7/15/2009	9h
0%	20d	5/19/2009	6/16/2009	0h
0%	20d	6/17/2009	7/15/2009	9h
0%	20d	5/19/2009	6/16/2009	0h
0%	20d	6/17/2009	7/15/2009	7h
0%	20d	5/19/2009	6/16/2009	0h
0%	20d	6/17/2009	7/15/2009	7h
0%	20d	12/18/2009	1/19/2010	0h
0%	20d	11/27/2009	12/24/2009	0h
0%	3d	1/20/2010	1/22/2010	18h

0%	30d	1/25/2010	3/8/2010	61h
0%	33d	1/20/2010	3/8/2010	153h
0%	10d	1/20/2010	2/2/2010	21h
0%	30d	3/9/2010	4/19/2010	72h
0%	5d	4/20/2010	4/26/2010	30h
0%	10d	4/27/2010	5/10/2010	0.1h
0%	20d	8/6/2009	9/2/2009	0h
0%	10d	9/3/2009	9/17/2009	13h
0%	20d	5/19/2009	6/16/2009	0h
0%	20d	6/17/2009	7/15/2009	3h
0%	20d	5/19/2009	6/16/2009	0h
0%	20d	6/17/2009	7/15/2009	31h
0%	20d	12/17/2009	1/15/2010	0h
0%	60d	1/19/2010	4/13/2010	267h
0%	20d	12/17/2009	1/15/2010	0h
0%	60d	1/19/2010	4/13/2010	30h
0%	71d	1/19/2010	4/28/2010	40h
0%	53d	5/11/2010	7/26/2010	229.1h
0%	20d	5/11/2010	6/8/2010	1h
0%	12d	6/9/2010	6/24/2010	132h
0%	10d	6/25/2010	7/9/2010	20.1h
0%	11d	7/12/2010	7/26/2010	76h
0%	0d	7/26/2010	7/26/2010	0h
0%	295d	5/19/2009	7/21/2010	560.1h
0%	174d	8/3/2009	4/13/2010	260h
0%	20d	8/6/2009	9/2/2009	0h
0%	30d	9/3/2009	10/16/2009	22h
0%	20d	8/3/2009	8/28/2009	0h
0%	30d	8/31/2009	10/13/2009	65h
0%	20d	8/6/2009	9/2/2009	0h
0%	30d	9/3/2009	10/16/2009	96h
0%	20d	8/6/2009	9/2/2009	0h
0%	30d	9/3/2009	10/16/2009	6h
0%	20d	8/6/2009	9/2/2009	0h
0%	30d	9/3/2009	10/16/2009	21h
0%	20d	8/18/2009	9/15/2009	0h
0%	30d	9/16/2009	10/28/2009	20h
0%	20d	12/17/2009	1/15/2010	0h
0%	60d	1/19/2010	4/13/2010	30h
0%	175d	11/9/2009	7/21/2010	40h
0%	20d	5/19/2009	6/16/2009	227h
0%	20d	5/19/2009	6/16/2009	40h
0%	20d	5/19/2009	6/16/2009	24h
0%	20d	5/19/2009	6/16/2009	111h
0%	20d	5/19/2009	6/16/2009	14h
0%	20d	5/19/2009	6/16/2009	38h
0%	53d	4/14/2010	6/28/2010	33.1h
0%	20d	4/14/2010	5/11/2010	1h
0%	12d	5/12/2010	5/27/2010	16h
0%	10d	5/28/2010	6/11/2010	0.1h
0%	11d	6/14/2010	6/28/2010	16h

0%	0d	6/28/2010	6/28/2010	0h
0%	83d	5/19/2009	9/15/2009	96.09h
0%	30d	5/19/2009	6/30/2009	62.99h
0%	30d	5/19/2009	6/30/2009	9h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	16h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	2h
0%	30d	5/19/2009	6/30/2009	1.99h
0%	30d	5/19/2009	6/30/2009	6h
0%	53d	7/1/2009	9/15/2009	33.1h
0%	20d	7/1/2009	7/29/2009	1h
0%	12d	7/30/2009	8/14/2009	16h
0%	10d	8/17/2009	8/28/2009	0.1h
0%	11d	8/31/2009	9/15/2009	16h
0%	0d	9/15/2009	9/15/2009	0h
0%	83d	5/19/2009	9/15/2009	204.1h
0%	30d	5/19/2009	6/30/2009	155h
0%	30d	5/19/2009	6/30/2009	18h
0%	30d	5/19/2009	6/30/2009	46h
0%	30d	5/19/2009	6/30/2009	33h
0%	30d	5/19/2009	6/30/2009	21h
0%	30d	5/19/2009	6/30/2009	13h
0%	30d	5/19/2009	6/30/2009	11h
0%	30d	5/19/2009	6/30/2009	13h
0%	53d	7/1/2009	9/15/2009	49.1h
0%	20d	7/1/2009	7/29/2009	1h
0%	12d	7/30/2009	8/14/2009	16h
0%	10d	8/17/2009	8/28/2009	16.1h
0%	11d	8/31/2009	9/15/2009	16h
0%	0d	9/15/2009	9/15/2009	0h
0%	163d	4/21/2009	12/11/2009	238.1h
0%	110d	4/21/2009	9/24/2009	45h
0%	20d	4/21/2009	5/18/2009	0h
0%	30d	5/19/2009	6/30/2009	28h
0%	20d	7/16/2009	8/12/2009	0h
0%	30d	8/13/2009	9/24/2009	17h
0%	60d	7/23/2009	10/16/2009	20h
0%	53d	9/25/2009	12/11/2009	173.1h

0%	20d	9/25/2009	10/23/2009	1h
0%	12d	10/26/2009	11/10/2009	88h
0%	10d	11/12/2009	11/25/2009	20.1h
0%	11d	11/27/2009	12/11/2009	64h
0%	0d	12/11/2009	12/11/2009	0h
0%	83d	5/19/2009	9/15/2009	137.1h
0%	30d	5/19/2009	6/30/2009	104h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	30d	5/19/2009	6/30/2009	8h
0%	53d	7/1/2009	9/15/2009	33.1h
0%	20d	7/1/2009	7/29/2009	1h
0%	12d	7/30/2009	8/14/2009	16h
0%	10d	8/17/2009	8/28/2009	0.1h
0%	11d	8/31/2009	9/15/2009	16h
0%	0d	9/15/2009	9/15/2009	0h
0%	158d	5/19/2009	1/5/2010	545.1h
0%	50d	8/6/2009	10/16/2009	394h
0%	20d	8/6/2009	9/2/2009	0h
0%	30d	9/3/2009	10/16/2009	287h
0%	20d	8/6/2009	9/2/2009	0h
0%	30d	9/3/2009	10/16/2009	107h
0%	60d	8/7/2009	11/2/2009	20h
0%	30d	5/19/2009	6/30/2009	98h
0%	30d	5/19/2009	6/30/2009	6h
0%	30d	5/19/2009	6/30/2009	20h
0%	30d	5/19/2009	6/30/2009	20h
0%	30d	5/19/2009	6/30/2009	20h
0%	30d	5/19/2009	6/30/2009	6h
0%	30d	5/19/2009	6/30/2009	20h
0%	30d	5/19/2009	6/30/2009	6h
0%	53d	10/19/2009	1/5/2010	33.1h
0%	20d	10/19/2009	11/16/2009	1h
0%	12d	11/17/2009	12/3/2009	16h
0%	10d	12/4/2009	12/17/2009	0.1h
0%	11d	12/18/2009	1/5/2010	16h
0%	0d	1/5/2010	1/5/2010	0h
0%	28d	6/14/2010	7/22/2010	100h
0%	28d	6/14/2010	7/22/2010	100h
0%	28d	6/14/2010	7/22/2010	20h
0%	28d	6/14/2010	7/22/2010	20h

0%	28d	6/14/2010	7/22/2010	20h
0%	28d	6/14/2010	7/22/2010	20h
0%	28d	6/14/2010	7/22/2010	20h
0%	0d	7/22/2010	7/22/2010	0h
0%	33d	7/26/2010	9/10/2010	292h
0%	0d	7/26/2010	7/26/2010	0h
0%	5d	7/27/2010	8/2/2010	40h
0%	5d	8/3/2010	8/9/2010	40h
0%	10d	8/10/2010	8/23/2010	148h
0%	13d	8/24/2010	9/10/2010	64h
0%	0d	9/10/2010	9/10/2010	0h
0%	50d	9/13/2010	11/23/2010	0.1h
0%	71d	9/10/2010	12/23/2010	1,468h
0%	70d	9/13/2010	12/22/2010	212h
0%	0d	9/10/2010	9/10/2010	0h
0%	25d	9/13/2010	10/18/2010	464h
0%	1d	10/19/2010	10/19/2010	264h
0%	0d	10/19/2010	10/19/2010	0h
0%	1d	10/27/2010	10/27/2010	256h
0%	0d	10/27/2010	10/27/2010	0h
0%	0d	11/26/2010	11/26/2010	0h
0%	19d	11/29/2010	12/23/2010	272h
0%	10d	11/29/2010	12/10/2010	80h
0%	9d	12/13/2010	12/23/2010	192h
0%	9d	12/13/2010	12/23/2010	192h
0%	0d	12/23/2010	12/23/2010	0h
0%	0d	12/23/2010	12/23/2010	0h
0%	0d	12/23/2010	12/23/2010	0h
0%	54d	11/29/2010	2/11/2011	2,226.5h
0%	0d	11/29/2010	11/29/2010	0h
0%	31d	11/29/2010	1/11/2011	1,950.5h
0%	30d	11/29/2010	1/10/2011	66.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	5d	1/4/2011	1/10/2011	20h
0%	0d	1/10/2011	1/10/2011	0h
0%	31d	11/29/2010	1/11/2011	61.2h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	15.1h
0%	0d	1/11/2011	1/11/2011	0h
0%	31d	11/29/2010	1/11/2011	422.1h
0%	15d	11/29/2010	12/17/2010	364h

0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	12.1h
0%	0d	1/11/2011	1/11/2011	0h
0%	30d	11/29/2010	1/10/2011	98.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	5d	1/4/2011	1/10/2011	52h
0%	0d	1/10/2011	1/10/2011	0h
0%	30d	11/29/2010	1/10/2011	62.2h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	5d	1/4/2011	1/10/2011	16.1h
0%	0d	1/10/2011	1/10/2011	0h
0%	31d	11/29/2010	1/11/2011	57.2h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	11.1h
0%	0d	1/11/2011	1/11/2011	0h
0%	30d	11/29/2010	1/10/2011	90.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	5d	1/4/2011	1/10/2011	44h
0%	0d	1/10/2011	1/10/2011	0h
0%	30d	11/29/2010	1/10/2011	82.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	5d	1/4/2011	1/10/2011	36h

0%	0d	1/10/2011	1/10/2011	0h
0%	31d	11/29/2010	1/11/2011	62.2h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	16.1h
0%	0d	1/11/2011	1/11/2011	0h
0%	31d	11/29/2010	1/11/2011	90.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	44h
0%	0d	1/11/2011	1/11/2011	0h
0%	30d	11/29/2010	1/10/2011	66.2h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	5d	1/4/2011	1/10/2011	20.1h
0%	0d	1/10/2011	1/10/2011	0h
0%	30d	11/29/2010	1/10/2011	66.2h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	5d	1/4/2011	1/10/2011	20.1h
0%	0d	1/10/2011	1/10/2011	0h
0%	31d	11/29/2010	1/11/2011	114.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	68h
0%	0d	1/11/2011	1/11/2011	0h
0%	31d	11/29/2010	1/11/2011	102.1h
0%	15d	11/29/2010	12/17/2010	40h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h

0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	16.1h
0%	0d	1/11/2011	1/11/2011	0h
0%	30d	11/29/2010	1/10/2011	66.2h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	2d	12/23/2010	12/27/2010	24h
0%	4d	12/28/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	5d	1/4/2011	1/10/2011	20.1h
0%	0d	1/10/2011	1/10/2011	0h
0%	31d	11/29/2010	1/11/2011	114.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	68h
0%	0d	1/11/2011	1/11/2011	0h
0%	31d	11/29/2010	1/11/2011	86.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	40h
0%	0d	1/11/2011	1/11/2011	0h
0%	31d	11/29/2010	1/11/2011	78.1h
0%	15d	11/29/2010	12/17/2010	0.1h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	32h
0%	0d	1/11/2011	1/11/2011	0h
0%	31d	11/29/2010	1/11/2011	166h
0%	15d	11/29/2010	12/17/2010	52h
0%	0d	12/17/2010	12/17/2010	0h
0%	3d	12/20/2010	12/22/2010	4h
0%	4d	12/23/2010	12/29/2010	24h
0%	2d	12/30/2010	12/31/2010	12h
0%	1d	1/3/2011	1/3/2011	6h
0%	6d	1/4/2011	1/11/2011	68h
0%	0d	1/11/2011	1/11/2011	0h
0%	23d	1/11/2011	2/11/2011	276h
0%	0d	1/11/2011	1/11/2011	0h

0%	2d	1/12/2011	1/13/2011	12h
0%	2d	1/14/2011	1/17/2011	12h
0%	2d	1/18/2011	1/19/2011	72h
0%	1d	1/20/2011	1/20/2011	32h
0%	5d	1/21/2011	1/27/2011	40h
0%	2d	1/28/2011	1/31/2011	20h
0%	1d	2/1/2011	2/1/2011	8h
0%	0d	2/1/2011	2/1/2011	0h
0%	5d	2/2/2011	2/8/2011	56h
0%	3d	2/9/2011	2/11/2011	24h
0%	0d	2/11/2011	2/11/2011	0h
0%	0d	2/11/2011	2/11/2011	0h
0%	90d	2/14/2011	6/17/2011	0h
0%	0d	6/17/2011	6/17/2011	0h
15%	559d	11/25/2008	2/15/2011	24,632h
42%	170d	11/25/2008	7/29/2009	3,262h
55%	10d	11/25/2008	12/9/2008	29h
0%	0d	12/16/2008	12/16/2008	0h
100%	0d	12/16/2008	12/16/2008	0h
52%	34d	11/25/2008	1/14/2009	252h
21%	1d	1/15/2009	1/15/2009	381h
100%	0d	1/15/2009	1/15/2009	0h
64%	83ed	12/16/2008	3/9/2009	280h
0%	0d	3/9/2009	3/9/2009	0h
0%	32d	3/3/2009	4/15/2009	248h
0%	0d	4/15/2009	4/15/2009	0h
0%	9d	4/16/2009	4/28/2009	70h
0%	31d	3/5/2009	4/16/2009	516h
0%	21d	4/17/2009	5/15/2009	642h
0%	16d	5/18/2009	6/9/2009	388h
0%	0d	6/9/2009	6/9/2009	0h
0%	5d	6/10/2009	6/16/2009	16h
0%	10d	6/17/2009	6/30/2009	399h
0%	0d	6/30/2009	6/30/2009	0h
0%	5d	7/1/2009	7/8/2009	40h
0%	0d	7/8/2009	7/8/2009	0h
0%	15d	7/9/2009	7/29/2009	1h
0%	0d	7/29/2009	7/29/2009	0h
11%	307d	11/25/2008	2/17/2010	12,183h
100%	45d	11/25/2008	1/30/2009	1h
15%	45d	11/25/2008	1/30/2009	1,816h
21%	5d	2/2/2009	2/6/2009	1,120h
18%	31d	11/25/2008	1/9/2009	624h
30%	5d	1/12/2009	1/16/2009	672h
0%	30d	2/17/2009	3/30/2009	528h
0%	10d	3/31/2009	4/13/2009	774h
0%	5d	4/14/2009	4/20/2009	232h
0%	10d	4/21/2009	5/4/2009	80h
0%	0d	5/4/2009	5/4/2009	0h
0%	5d	5/5/2009	5/11/2009	117h
0%	2d	5/12/2009	5/13/2009	16h

0%	0d	5/13/2009	5/13/2009	0h
0%	30ed	5/13/2009	6/12/2009	1h
0%	0d	6/12/2009	6/12/2009	0h
0%	108d	2/9/2009	7/13/2009	1,376h
0%	0d	7/13/2009	7/13/2009	0h
0%	35d	7/14/2009	8/31/2009	1,828h
0%	0d	8/31/2009	8/31/2009	0h
0%	8d	9/1/2009	9/11/2009	1,062h
0%	5d	9/14/2009	9/18/2009	752h
0%	15d	9/21/2009	10/9/2009	498h
0%	0d	10/9/2009	10/9/2009	0h
0%	10d	10/13/2009	10/26/2009	344h
0%	15d	10/27/2009	11/17/2009	10h
0%	0d	11/17/2009	11/17/2009	0h
0%	21d	11/18/2009	12/17/2009	314h
0%	0d	12/17/2009	12/17/2009	0h
0%	0d	12/17/2009	12/17/2009	0h
0%	5d	12/18/2009	12/24/2009	16h
0%	0d	12/24/2009	12/24/2009	0h
0%	6d	12/18/2009	12/28/2009	1h
0%	0d	12/28/2009	12/28/2009	0h
0%	34d	12/29/2009	2/17/2010	1h
0%	0d	2/17/2010	2/17/2010	0h
0%	151d	12/28/2009	8/2/2010	3,338h
0%	0d	12/28/2009	12/28/2009	0h
0%	25d	12/28/2009	2/2/2010	321h
0%	3d	2/3/2010	2/5/2010	456h
0%	0d	2/5/2010	2/5/2010	0h
0%	74ed	12/28/2009	3/12/2010	220h
0%	0d	3/12/2010	3/12/2010	0h
0%	40d	2/12/2010	4/9/2010	364h
0%	0d	4/9/2010	4/9/2010	0h
0%	10d	4/12/2010	4/23/2010	136h
0%	50d	2/22/2010	4/30/2010	756h
0%	0d	4/30/2010	4/30/2010	0h
0%	15d	5/3/2010	5/21/2010	546h
0%	5d	5/24/2010	5/28/2010	537h
0%	4d	6/1/2010	6/4/2010	1h
0%	0d	6/4/2010	6/4/2010	0h
0%	40d	6/7/2010	8/2/2010	1h
0%	0d	8/2/2010	8/2/2010	0h
0%	235d	3/15/2010	2/15/2011	5,849h
0%	74d	3/15/2010	6/25/2010	1,696h
0%	0d	6/25/2010	6/25/2010	0h
0%	20d	6/28/2010	7/26/2010	1,516h
0%	0d	7/26/2010	7/26/2010	0h
0%	9d	7/27/2010	8/6/2010	489h
0%	5d	8/9/2010	8/13/2010	638h
0%	15d	8/16/2010	9/3/2010	524h
0%	0d	9/3/2010	9/3/2010	0h
0%	10d	9/7/2010	9/20/2010	330h

0%	15d	9/21/2010	10/12/2010	120h
0%	0d	10/12/2010	10/12/2010	0h
0%	20d	10/13/2010	11/9/2010	287h
0%	0d	11/9/2010	11/9/2010	0h
0%	6d	11/10/2010	11/18/2010	236h
0%	6d	11/10/2010	11/18/2010	12h
0%	0d	11/18/2010	11/18/2010	0h
0%	61d	11/19/2010	2/15/2011	1h
0%	0d	2/15/2011	2/15/2011	0h
0%	0d	11/26/2010	11/26/2010	0h
0%	0d	11/26/2010	11/26/2010	0h
0%	777d	11/25/2008	12/16/2011	5,120.9h
0%	244d	11/25/2008	11/13/2009	1,800.9h
0%	244d	11/25/2008	11/13/2009	1,800h
0%	62ed	11/25/2008	1/26/2009	0.1h
0%	0ed	1/26/2009	1/26/2009	0h
0%	25ed	1/26/2009	2/20/2009	0.1h
0%	0ed	2/20/2009	2/20/2009	0h
0%	7ed	2/20/2009	2/27/2009	0.1h
0%	0ed	2/27/2009	2/27/2009	0h
0%	11ed	2/27/2009	3/10/2009	0.1h
0%	1ed	3/10/2009	3/11/2009	0.1h
0%	0d	3/11/2009	3/11/2009	0h
0%	45ed	3/11/2009	4/25/2009	0.1h
0%	0ed	4/25/2009	4/25/2009	0h
0%	30ed	4/25/2009	5/25/2009	0.1h
0%	0ed	5/25/2009	5/25/2009	0h
0%	10ed	4/25/2009	5/5/2009	0.1h
0%	0ed	5/5/2009	5/5/2009	0h
0%	180ed	5/5/2009	11/1/2009	0.1h
0%	0ed	11/1/2009	11/1/2009	0h
0%	220d	2/11/2011	12/16/2011	3,320h
0%	216d	2/14/2011	12/12/2011	3,310h
0%	30ed	2/11/2011	3/13/2011	1h
0%	0ed	3/13/2011	3/13/2011	0h
0%	30ed	2/11/2011	3/13/2011	1h
0%	0ed	3/13/2011	3/13/2011	0h
0%	25ed	3/13/2011	4/7/2011	1h
0%	0ed	4/7/2011	4/7/2011	0h
0%	85ed	2/11/2011	5/7/2011	1h
0%	0ed	5/7/2011	5/7/2011	0h
0%	0ed	5/7/2011	5/7/2011	0h
0%	15ed	5/7/2011	5/22/2011	1h
0%	0ed	5/22/2011	5/22/2011	0h
0%	115ed	2/11/2011	6/6/2011	1h
0%	0ed	6/6/2011	6/6/2011	0h
0%	155ed	2/11/2011	7/16/2011	1h
0%	0ed	7/16/2011	7/16/2011	0h
0%	175ed	2/11/2011	8/5/2011	1h
0%	0ed	8/5/2011	8/5/2011	0h
0%	30ed	8/5/2011	9/4/2011	1h

0%	0ed	9/4/2011	9/4/2011	0h
0%	90ed	9/4/2011	12/3/2011	1h
0%	0ed	12/3/2011	12/3/2011	0h
0%	0ed	12/16/2011	12/16/2011	0h
0%	13d	12/3/2011	12/21/2011	0.6h
0%	5ed	12/3/2011	12/8/2011	0.1h
0%	0d	12/16/2011	12/16/2011	0h
0%	3d	12/16/2011	12/21/2011	0.5h
0%	1ed	12/16/2011	12/17/2011	0.1h
0%	1ed	12/17/2011	12/18/2011	0.1h
0%	1ed	12/18/2011	12/19/2011	0.1h
0%	1ed	12/19/2011	12/20/2011	0.1h
0%	1ed	12/20/2011	12/21/2011	0.1h
0%	0d	12/21/2011	12/21/2011	0h
0%	0d	12/21/2011	12/21/2011	0h
0%	700d	11/25/2008	8/31/2011	1,400h