

February 19, 1998

Southern Nuclear Operating Co., Inc.
ATTN: Mr. H. L. Sumner, Jr.
Vice President
P. O. Box 1295
Birmingham, AL 35201-1295

SUBJECT: MEETING SUMMARY - DISCUSSION OF PLANS FOR ONSITE DRY CASK STORAGE
EDWIN I. HATCH NUCLEAR PLANT - DOCKET NOS. 50-321 AND 50-366

Dear Mr. Sumner:

This refers to the February 18, 1998, meeting held to discuss plans for onsite and dry cask storage at your Hatch facility. I have enclosed a list of attendees, the outage schedule, and a copy of the slides that were used at the presentation.

In accordance with Section 2.790(a) of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

No reply to this letter is required; however, if you have any questions concerning this matter, please contact me at 404-562-4520.

Sincerely,
(Original signed by
Pierce H. Skinner)

Pierce H. Skinner, Chief
Reactor Projects Branch 2
Division of Reactor Projects

Docket Nos. 50-321, 50-366
License Nos. DPR-57, NPF-5

Enclosures:

1. List of Attendees
2. Hatch Outage Schedule
3. Presentation Slides

050046

cc w/encls:
J. D. Woodard
Executive Vice President
Southern Nuclear Operating Co., Inc.
P. O. Box 1295
Birmingham, AL 35201-1295

cc w/encls cont'd: (See Page 2)



9803050273 980219
PDR ADOCK 05000321
P PDR

1245

cc w/encls: Continued
P. H. Wells
General Manager, Hatch
Southern Nuclear Operating Co., Inc.
U.S. Highway 1 North
P. O. Box 2010
Baxley, GA 31515

D. M. Crowe
Manager Licensing
Southern Nuclear Operating Co., Inc.
P. O. Box 1295
Birmingham, AL 35201-1295

Ernest L. Blake, Esq.
Shaw, Pittman, Potts and
Trowbridge
2300 N Street, NW
Washington, D. C. 20037

Charles H. Badger
Office of Planning and Budget
Room 610
270 Washington Street, SW
Atlanta, GA 30334

Harold Reheis, Director
Department of Natural Resources
205 Butler Street, SE, Suite 1252
Atlanta, GA 30334

Thomas Hill, Manager
Radioactive Materials Program
Department of Natural Resources
4244 International Parkway
Suite 114
Atlanta, GA 30354

Chairman
Appling County Commissioners
County Courthouse
Baxley, GA 31513

R. D. Barker
Program Manager
Fossil & Nuclear Operations
Oglethorpe Power Corporation
2100 E. Exchange Place
Tucker, GA 30085-1349

cc w/encls cont'd: (See Page 3)

SNC

3

cc w/encls: Continued
Charles A. Patrizia, Esq.
Paul, Hastings, Janofsky & Walker
10th Floor
1299 Pennsylvania Avenue
Washington, D. C. 20004-9500

Steven M. Jackson
Senior Engineer - Power Supply
Municipal Electric Authority
of Georgia
1470 Riveredge Parkway NW
Atlanta, GA 30328-4684

Distribution w/encls:

R. Borchardt, DISP/PIPB
M. Tschiltz, OEDO, (O-5E6)
H. Berkow, NRR
L. Olshan, NRR
L. R. Plisco, RII
D. M. Collins, RII
J. P. Jaudon, RII
C. A. Casto, RII
P. H. Skinner, RII
E. J. McAlpine, RII
K. P. Barr, RII
R. P. Carrion, RII
W. B. Gloersen, RII
D. B. Forbes, RII
R. C. Chou, RII
PUBLIC

NRC Resident Inspector
U.S. Nuclear Regulatory Commission
11030 Hatch Parkway North
Baxley, GA 31513

* SEE PREVIOUS CONCURRENCE

OFFICE	RII:DRP									
SIGNATURE										
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COPY?	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO

OFFICIAL RECORD COPY

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Steven M. Jackson
Senior Engineer - Power Supply
Municipal Electric Authority
of Georgia
1470 Riveredge Parkway NW
Atlanta, GA 30328-4684

NRC Resident Inspector
U.S. Nuclear Regulatory Commission
11030 Hatch Parkway North
Baxley, GA 31513

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List of Attendees

NRC Attendees:

K. P. Barr, Chief, Plant Support Branch, Division of Reactor Safety (DRS)
R. P. Carrion, Project Engineer, Reactor Projects Branch 2, Division of
Reactor Projects (DRP)
R. C. Chou, Reactor Inspector, DRS
D. M. Collins, Director, Division of Nuclear Materials Safety (DNMS)
D. B. Forbes, Reactor Inspector, DRS
W. B. Gloersen, Senior Fuel Facility Project Engineer, DNMS
E. J. McAlpine, Chief, Fuel Facilities Branch, DNMS
P. H. Skinner, Chief, Reactor Projects Branch 2, DRP

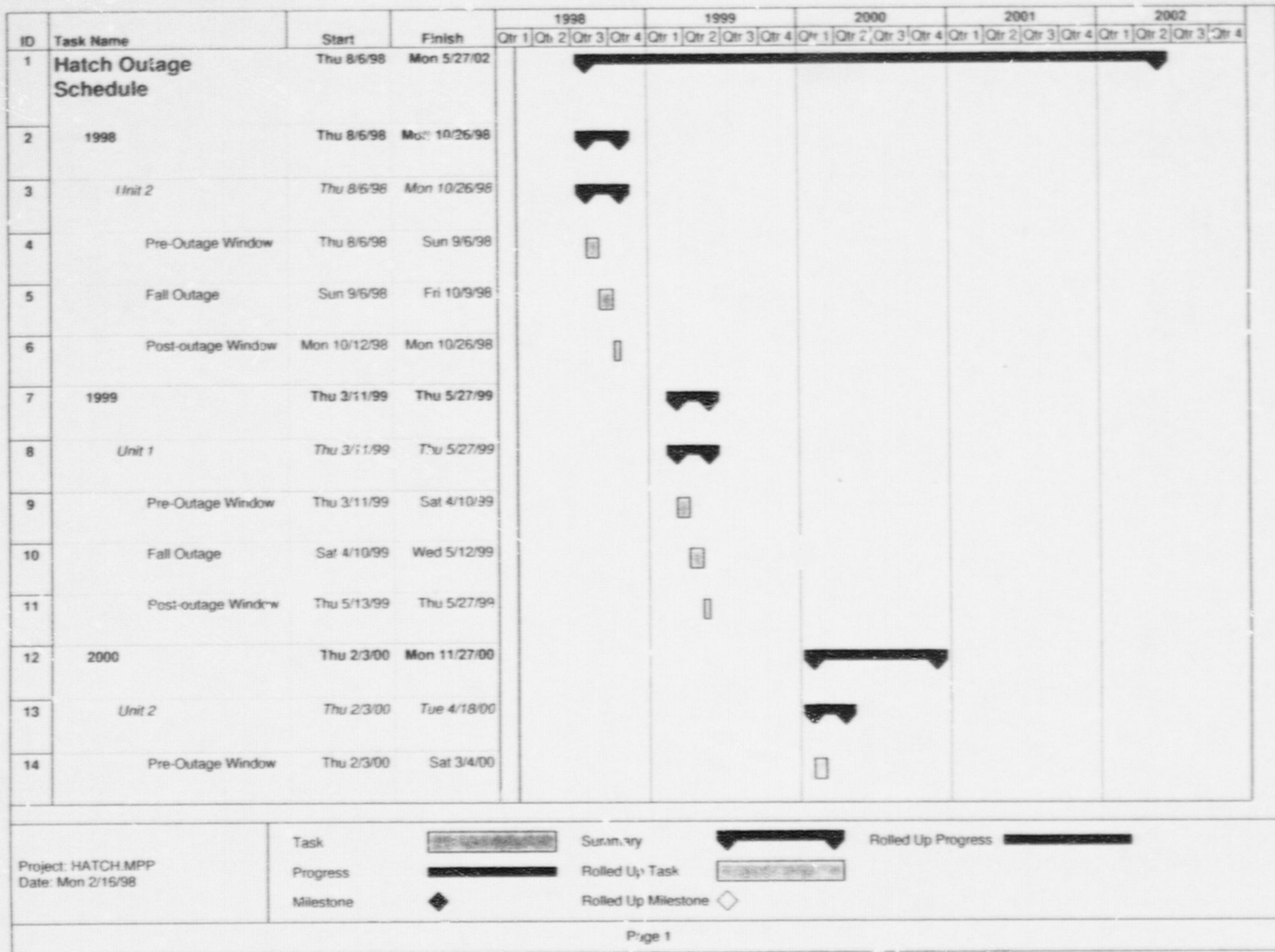
Licensee Attendees:

Southern Nuclear Operating Company, Inc.

D. Bland, Nuclear Technical Services
C. Howard, Nuclear Technical Services
G. Goode, Site Leader, Plant Hatch
D. Read, Hatch Project
J. C. Vance, III, Plant Hatch Engineering

Public Attendees

C. Lindell, Hatch Representative, Municipal Electric Authority of Georgia
S. Jackson, Senior Engineer, Power Supply, Municipal Electric Authority of
Georgia



ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
15	Fail Outage	Sat 3/4/00	Mon 4/3/00																				
16	Post-outage Window	Tue 4/4/00	Tue 4/18/00																				
17	Unit 1	Thu 9/7/00	Mon 11/27/00																				
18	Pre-Outage Window	Thu 9/7/00	Sat 10/7/00																				
19	Fail Outage	Sat 10/7/00	Fri 11/10/00																				
20	Post-outage Window	Mon 11/13/00	Mon 11/27/00																				
21	2001	Thu 8/9/01	Tue 10/23/01																				
22	Unit 2	Thu 8/9/01	Tue 10/23/01																				
23	Pre-Outage Window	Thu 8/9/01	Sat 9/8/01																				
24	Fail Outage	Sat 9/8/01	Mon 10/8/01																				
25	Post-outage Window	Tue 10/9/01	Tue 10/23/01																				
26	2002	Fri 3/15/02	Mon 5/27/02																				
27	Unit 1	Fri 3/15/02	Mon 5/27/02																				
28	Pre-Outage Window	Fri 3/15/02	Sat 4/13/02																				

Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

Project: HATCH MPP
Date: Mon 2/15/98

ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
29	Fail Outage	Sat 4/13/02	Mon 5/13/02																				
30	Post-outage Window	Tue 5/14/02	Mon 5/27/02																				
31	Dry Cask Storage	Thu 1/1/98	Mon 12/16/02																				
32	Site Activities	Thu 1/1/98	Fri 10/18/02																				
33	Pool Clean-up activities	Wed 1/1/98	Thu 5/21/98																				
34	Blade Guide Removal- Prep Work	Wed 1/21/98	Mon 1/26/98																				
35	Remove/Decon Blade Guides	Tue 1/27/98	Thu 3/5/98																				
36	Examine all Empty Cells for Accessibility	Mon 3/9/98	Wed 3/18/98																				
37	Determine No. of spaces in New Fuel Vaults	Mon 3/9/98	Thu 3/12/98																				
38	Insert Dummy Bundles	Mon 3/9/98	Thu 3/19/98																				
39	Repair/Rack Letters/Numbers	Mon 3/23/98	Thu 3/26/98																				
40	Remove DHR Piping For Fuel Mov't	Mon 3/30/98	Thu 4/2/98																				
41	Shuffle Old Fuel in Spent Fuel Pool	Mon 4/6/98	Thu 4/16/98																				
42	Safety Eval. to Install new Rack Num.	Mon 3/23/98	Thu 4/2/98																				

Project: HATCH.MPP
Date: Mon 2/16/98

Task

Progress

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Summary

Rolled Up Task

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Rolled Up Progress

ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
43	Install Rack Numbers	Mon 4/6/98	Thu 4/16/98																				
44	Relocate LY5521 to Rack 26	Mon 4/20/98	Mon 4/20/98																				
45	Pool-to-Pool Fuel Moves for the Outage	Mon 4/20/98	Thu 4/23/98																				
46	Misc. Activities SFP Cleanup/Storage	Fri 4/24/98	Thu 5/21/98																				
47	New Fuel Vault Inventory	Fri 4/24/98	Thu 4/30/98																				
48	LPRM Inventory (Hot/Cold Ends)	Fri 5/1/98	Thu 5/7/98																				
49	Research Storage/Rack for SHB	Fri 5/8/98	Thu 5/14/98																				
50	Research Storage for U/W Vac Filter	Fri 5/15/98	Thu 5/21/98																				
51	Facility Modifications	Fri 4/17/98	Thu 7/1/99																				
52	Build ISFSI (Part 1 of 2)	Thu 6/25/98	Thu 12/10/98																				
53	Prepare DCP Work Packages	Thu 6/25/98	Tue 10/13/98																				
54	Construct Pad	Wed 10/14/98	Thu 12/10/98																				
55	Build ISFSI (Part 2 of 2)	Wed 2/17/99	Thu 7/1/99																				
56	Prepare DCP Work Packages	Wed 2/17/99	Mon 5/10/99																				

Summary

Rolled Up Task

Rolled Up Milestone

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Project: HATCH.MPP
Date: Mon 2/16/98

ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
57	Install Lig. Fences, Sec. Ckts.	Tue 5/11/99	Thu 7/1/99																				
58	Upgrade Crane	Fri 4/17/98	Tue 5/25/99																				
59	Walkdown OH Cranes	Fri 4/17/98	Thu 7/9/98																				
60	Determine Needs	Fri 7/10/98	Wed 9/30/98																				
61	Evaluate Unit 2 Crane Upgrade	Fri 7/10/98	Wed 9/30/98																				
62	Prepare DCP Work Packages (contingency)	Thu 12/24/98	Wed 3/24/99																				
63	Implement DCPs (contingency)	Thu 3/25/99	Tue 5/25/99																				
64	Railroad Repairs	Wed 5/27/98	Fri 1/8/99																				
65	Scoope Work	Wed 5/27/98	Tue 7/21/98																				
66	Develop Bid Packages/DCPs	Wed 7/22/98	Mon 1/4/99																				
67	Complete Repairs & Modifications	Tue 1/5/99	Fri 1/8/99																				
68	Other Modifications	Thu 5/7/98	Wed 5/12/99																				
69	Floor Loading Modifications	Thd	Wed 5/12/99																				
70	Develop DCP Packages	Thu 9/17/98	Wed 12/9/98																				

Task	Summary	Rolled Up Task	Rolled Up Progress
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Project: HATCH.MPP
Date: Mon 2/16/98

ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
71	Implement DCPs	Mon 3/1/99	Wed 5/12/99																				
72	Ductwork Rerouting Modifications	Wed 8/19/98	Wed 5/12/99																				
73	Develop DCP Packages	Wed 8/19/98	Mon 11/9/98																				
74	Implement DCPs	Thu 4/15/99	Wed 5/12/99																				
75	Refueling Bridge Modifications	Thu 5/7/98	Mon 11/30/98																				
76	Develop DCP Work Packages	Thu 5/7/98	Wed 7/29/98																				
77	Implement DCPs (contingency)	Tue 10/27/98	Mon 11/30/98																				
78	Misc. Modifications	Tue 11/3/98	Wed 5/12/99																				
79	Develop DCP Work Packages	Tue 11/3/98	Mon 1/25/99																				
80	Implement DCPs	Thu 4/15/99	Wed 5/12/99																				
81	Procedure Development Phase	Thu 1/1/98	Tue 7/27/99																				
82	Write/Revise Site Procedures	Tue 10/27/98	Wed 3/10/99																				
83	Prepare Admin Program Controls	Thu 1/1/98	Wed 6/17/98																				
84	Final Procedure Activities	Mon 7/26/99	Tue 7/27/99																				

Project: HATCH.MPP
Date: Mon 2/16/98

Task



Summary



Rolled Up Progress



Progress



Rolled Up Task

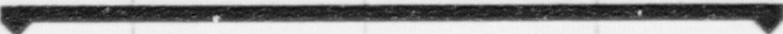
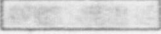
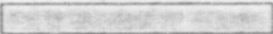


Milestone



Rolled Up Milestone



ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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85	Site Inspection/Receipt Procedures	Fri 5/22/98	Thu 8/27/98																				
86	Review Draft Procedures	Fri 5/22/98	Thu 6/11/98																				
87	Complete Final Procedures	Fri 8/14/98	Thu 8/27/98																				
88	Plant Staff Training	Fri 7/3/98	Thu 9/27/01																				
89	Develop Training Materials	Fri 7/3/98	Wed 3/10/99																				
90	Develop Training Materials	Thu 3/11/99	Tue 11/16/99																				
91	Develop Training Materials	Wed 11/17/99	Mon 7/24/00																				
92	Initial Training Period	Tue 7/25/00	Thu 9/27/01																				
93	Refresher Training Period	Wed 6/16/99	Thu 6/17/99																				
94	Final Training Activities	Mon 7/26/99	Tue 7/27/99																				
95	Site Receipt/Inspection of Cask/Cannister	Thu 1/1/98	Wed 1/7/98																				
96	Internal Dry Run	Thu 7/1/99	Mon 7/26/99																				
97	Readiness Review	Tue 7/27/99	Wed 8/4/99																				
98	NRC Demonstration Dry Run	Mon 1/10/00	Tue 2/8/00																				

Project: HATCH.MPP
Date: Mon 2/16/98

Task



Summary



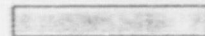
Rolled Up Progress



Progress



Rolled Up Task



Milestone



Rolled Up Milestone



ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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99	Pre-Job Brief	Mon 1/10/00	Mon 1/10/00																				
100	Perform Demonstration Run	Tue 1/11/00	Tue 2/8/00																				
101	First Loading Campaign	Wed 4/19/00	Wed 6/14/00																				
102	Pre-Job Brief	Wed 4/19/00	Wed 4/19/00																				
103	Perform Loading	Thu 4/20/00	Thu 5/18/00																				
104	Complete 10CFR72.212(b)(1)(i) Notice to NRC	Wed 6/14/00	Wed 6/14/00																				
105	Second Loading Campaign	Fri 5/15/00	Thu 8/17/00																				
106	Load Cask #2	Fri 5/19/00	Wed 7/12/00																				
107	Pre-Job Brief	Fri 5/19/00	Fri 5/19/00																				
108	Perform Loading	Mon 5/22/00	Thu 6/15/00																				
109	Complete 10CFR72.212(b) Notice to NRC	Wed 7/12/00	Wed 7/12/00																				
110	Load Cask #3	Fri 6/16/00	Wed 8/2/00																				
111	Pre-Job Brief	Fri 6/16/00	Fri 6/16/00																				
112	Perform Loading	Mon 6/19/00	Thu 7/6/00																				

Task

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Summary

Rolled Up Task

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Project: HATCH.MPP
Date: Mon 2/16/98

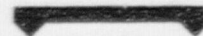
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113	Complete 10CFR72.212(b) Notice to NRC	Wed 8/2/00	Wed 8/2/00																				
114	Load Cask #4	Fri 7/7/00	Thu 8/17/00											■									
115	Pre-Job Brief	Fri 7/7/00	Fri 7/7/00																				
116	Perform Loading	Fri 7/7/00	Fri 7/21/00																				
117	Complete 10CFR72.212(b) Notice to NRC	Thu 8/17/00	Thu 8/17/00																				
118	Third Loading Campaign	Tue 11/28/00	Tue 2/27/01													■							
119	Load Cask #5	Tue 11/28/00	Fri 1/19/01													■							
120	Pre-Job Brief	Tue 11/28/00	Tue 11/28/00																				
121	Perform Loading	Wed 11/29/00	Mon 12/25/00																				
122	Complete 10CFR72.212(b) Notice to NRC	Fri 1/19/01	Fri 1/19/01																				
123	Load Cask #6	Tue 12/26/00	Fri 2/9/01													■							
124	Pre-Job Brief	Tue 12/26/00	Tue 12/26/00																				
125	Perform Loading	Wed 12/27/00	Mon 1/15/01																				
126	Complete 10CFR72.212(b) Notice to NRC	Fri 2/9/01	Fri 2/9/01																				

Project: HATCH.MPP
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Task



Summary



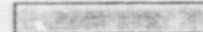
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Progress



Rolled Up Task



Milestone



Rolled Up Milestone



ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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127	Load Cask #7	Tue 1/16/01	Tue 2/27/01																				
128	Pre-Job Brief	Tue 1/16/01	Tue 1/16/01																				
129	Perform Loading	Wed 1/17/01	Wed 1/31/01																				
130	Complete 10CFR72.212(b)- Notice to NRC	Tue 2/27/01	Tue 2/27/01																				
131	Fourth Loading Campaign	Wed 10/24/01	Thu 2/14/02																				
132	Load Cask #8	Wed 10/24/01	Mon 12/17/01																				
133	Pre-Job Brief	Wed 10/24/01	Wed 10/24/01																				
134	Perform Loading	Thu 10/25/01	Tue 11/20/01																				
135	Complete 10CFR72.212(b)- Notice to NRC	Mon 12/17/01	Mon 12/17/01																				
136	Load Cask #9	Wed 11/21/01	Mon 1/7/02																				
137	Pre-Job Brief	Wed 11/21/01	Wed 11/21/01																				
138	Perform Loading	Thu 11/22/01	Tue 12/11/01																				
139	Complete 10CFR72.212(b)- Notice to NRC	Mon 1/7/02	Mon 1/7/02																				
140	Load Cask #10	Thu 1/3/02	Thu 2/14/02																				

Project: HATCH.MPP
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Summary



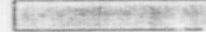
Rolled Up Progress



Progress



Rolled Up Task



Milestone



Rolled Up Milestone



ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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141	Pre-Job Brief	Thu 1/3/02	Thu 1/3/02																				
142	Perform Loading	Fri 1/4/02	Fri 1/18/02																				
143	Complete 10CFR72.212(b) Notice to NRC	Thu 2/14/02	Thu 2/14/02																				
144	Fifth Loading Campaign	Tue 5/28/02	Fri 10/18/02																				
145	Load Cask #11	Tue 5/28/02	Fri 7/19/02																				
146	Pre-Job Brief	Tue 5/28/02	Tue 5/28/02																				
147	Perform Loading	Wed 5/29/02	Mon 6/24/02																				
148	Complete 10CFR72.212(b) Notice to NRC	Fri 7/19/02	Fri 7/19/02																				
149	Load Cask #12	Mon 7/22/02	Thu 9/5/02																				
150	Pre-Job Brief	Mon 7/22/02	Mon 7/22/02																				
151	Perform Loading	Tue 7/23/02	Fri 8/9/02																				
152	Complete 10CFR72.212(b) Notice to NRC	Thu 9/5/02	Thu 9/5/02																				
153	Load Cask #13	Fri 9/6/02	Fri 10/18/02																				
154	Pre-Job Brief	Fri 9/6/02	Fri 9/6/02																				

Project: HATCH.MPP
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Task



Summary



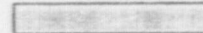
Rolled Up Progress



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155	Perform Loading	Mon 9/9/02	Mon 9/23/02																												
156	Complete 10CFR72.212(b) Notice to NRC	Fri 10/18/02	Fri 10/18/02																												
157	Engineering Activities	Thu 1/1/98	Fri 5/3/02																												
158	Review Vendor Draft SAR & TSAR	Thu 1/1/98	Fri 4/24/98																												
159	Develop 3-D Model of Movement	Mon 2/23/98	Fri 7/10/98																												
160	Folk: Holtec Licensing Analysis Effort	Mon 4/27/98	Wed 6/16/99																												
161	Follow Holtec Fabrication Activities	Thu 1/1/98	Fri 5/3/02																												
162	Design Fabrication Specifications	Thu 1/1/98	Thu 3/26/98																												
163	Fabrication Oversight	Thu 1/1/98	Fri 5/3/02																												
164	Build ISFSI (Part 1 of 2)	Fri 1/16/98	Wed 6/24/98																												
165	SCS Design Work	Fri 1/16/98	Wed 6/24/98																												
166	Determine Size Needs	Fri 1/16/98	Mon 3/2/98																												
167	Develop Soil Criteria	Mon 3/2/98	Wed 4/15/98																												
168	Sub Soil Specification & Report	Wed 4/15/98	Wed 5/13/98																												

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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
169	Lighting & Drainage	Thu 2/19/98	Wed 5/13/98																				
170	Develop Pad Design	Thu 3/19/98	Wed 5/13/98																				
171	Prepare DCP	Thu 5/14/98	Wed 6/24/98																				
172	Build ISFSI (Part 2 of 2)	Thu 5/14/98	Tue 3/30/99																				
173	SCS Design Work	Thu 5/14/98	Tue 2/16/99																				
174	Complete Camera Specification	Thu 5/14/98	Tue 2/16/99																				
175	Complete Fence Design	Thu 5/14/98	Tue 2/16/99																				
176	Complete Duct Design	Thu 5/14/98	Tue 2/16/99																				
177	Complete Wiring Design	Thu 5/14/98	Tue 2/16/99																				
178	Complete Computer interface	Thu 5/14/98	Tue 2/16/99																				
179	Prepare DCP	Wed 2/17/99	Tue 3/30/99																				
180	Upgrade Crane	Thu 10/1/98	Wed 2/3/99																				
181	Design Modifications	Thu 10/1/98	Wed 12/23/98																				
182	Prepare DCPs	Thu 12/24/98	Wed 2/3/99																				

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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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183	Road Load Evaluation	Mon 3/2/98	Mon 3/2/98																				
184	Other Modifications	Thu 1/1/98	Mon 12/14/98																				
185	Floor Loading Modifications	Fri 5/15/98	Wed 10/28/98																				
186	Complete Floor Loading Analysis	Fri 5/15/98	Thu 7/16/98																				
187	Design Floor Loading Upgrades	Fri 7/17/98	Wed 9/16/98																				
188	Prepare DCPs	Thu 9/17/98	Wed 10/28/98																				
189	Ductwork Rerouting Modifications	Wed 4/15/98	Mon 9/28/98																				
190	Design Work	Wed 4/15/98	Tue 8/18/98																				
191	Prepare DCPs	Wed 8/19/98	Mon 9/28/98																				
192	Refueling Bridge Modifications	Thu 1/1/98	Wed 6/17/98																				
193	Design Work	Thu 1/1/98	Wed 5/6/98																				
194	Prepare DCPs	Thu 5/7/98	Wed 6/17/98																				
195	Misc. Modifications	Wed 7/1/98	Mon 12/14/98																				
196	Design Work	Wed 7/1/98	Mon 11/2/98																				

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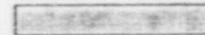
Rolled Up Progress



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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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197	Prepare DCPs	Tue 11/3/98	Mon 12/14/98																				
198	Complete Licensing Reviews for Impacts	Mon 4/27/98	Mon 8/31/98																				
199	Part 50 Engineering Review	Mon 4/27/98	Mon 8/31/98																				
200	Part 72 Engineering Review	Mon 4/27/98	Mon 8/31/98																				
201	Review of Hatch License (50.90)	Mon 4/27/98	Mon 8/31/98																				
202	Licensing Activities	Thu 1/1/98	Fri 2/11/00																				
203	Review Vendor Draft SAR & TSAR	Thu 1/1/98	Wed 3/25/98																				
204	Follow Holtec Licensing Analysis Effort	Thu 3/26/98	Mon 5/17/99																				
205	Create Administrative Programs	Thu 1/1/98	Wed 5/13/98																				
206	10CFR72.212 Program	Tue 4/21/98	Wed 5/13/98																				
207	10CFR72.48 Procedure	Thu 1/1/98	Wed 3/25/98																				
208	Complete Licensing Reviews for Impacts	Mon 4/27/98	Mon 8/31/98																				
209	Part 50 Licensing Review	Mon 4/27/98	Mon 8/31/98																				
210	Part 72 Licensing Review	Mon 4/27/98	Mon 8/31/98																				

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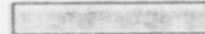
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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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211	Review of Hatch License (50.90)	Mon 4/27/98	Mon 8/31/98																				
212	Complete Site External Reviews for Impact	Thu 3/26/98	Wed 8/19/98																				
213	Emergency Plan (50.54a)	Thu 3/26/98	Wed 8/19/98																				
214	Security Plan (50.54p)	Thu 3/26/98	Wed 8/19/98																				
215	Modify Licensing Documentation	Thu 8/20/98	Tue 7/27/99																				
216	Change FSAR(if Required)	Tue 9/1/98	Fri 10/30/98																				
217	Obtain NRC Approval (if Required)	Thu 8/20/98	Tue 7/27/99																				
218	Develop License Amendment Request	Tue 9/1/98	Fri 9/25/98																				
219	Review License Amendment Request	Mon 9/28/98	Tue 10/27/98																				
220	Review Emergency Plan Changes	Thu 8/20/98	Fri 12/18/98																				
221	File Amendment With NRC	Mon 12/21/98	Mon 12/21/98																				
222	Public Notice of Application	Thu 1/21/99	Thu 1/21/99																				
223	NRC Review and Approval	Tue 12/22/98	Tue 7/27/99																				
224	Change Security Plan (if Required)	Thu 8/20/98	Tue 10/20/98																				

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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
225	Complete 10CFR72.212(b)(1)(i) Notice to NRC	Fri 2/11/00	Fri 2/11/00																				
226	Complete 10CFR72.212 Review & Documentation	Thu 1/1/98	Mon 11/2/98																				
227	Concrete Pad Review	Mon 11/2/98	Mon 11/2/98																				
228	Cask Review	Thu 1/1/98	Thu 1/1/98																				
229	Quality Assurance	Thu 1/1/98	Mon 7/15/02																				
230	Review Vendor Draft SAR & TSAR	Thu 1/1/98	Wed 3/25/98																				
231	Develop NTS QA Program	Thu 1/1/98	Wed 2/11/98																				
232	Develop Project QA Plan	Thu 2/12/98	Wed 5/6/98																				
233	Follow Holtec Fabrication Activities	Thu 5/7/98	Mon 7/15/02																				
234	Public Relations	Thu 1/1/98	Mon 12/16/02																				
235	Holtec	Tue 1/20/98	Mon 5/6/02																				
236	ENGINEERING & LICENSING SEGMENT	Tue 1/20/98	Fri 4/30/99																				
237	Engineering Deliverables	Tue 1/20/98	Tue 2/16/99																				
238	Contract Award	Tue 1/20/98	Tue 1/20/98																				

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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
239	Project Plan & Schedule	Tue 1/20/98	Fri 2/6/98																				
240	Engineering Design Criteria	Tue 2/3/98	Mon 2/9/98																				
241	Receive Seismic Response Spectra & Max.	Wed 2/4/98	Wed 2/4/98		2/4																		
242	Receive Hatch Fuel Data	Mon 2/16/98	Mon 2/16/98																				
243	Storage Pad Design Criteria/Construc	Thu 2/5/98	Wed 4/8/98																				
244	Heavy Load Data/Operational Lift Weights	Fri 5/1/98	Thu 5/14/98																				
245	Spare Parts List	Mon 5/18/98	Fri 5/22/98																				
246	Radiological Analysis Documentation	Wed 4/1/98	Tue 6/2/98																				
247	Job-Site Storage Requirements	Mon 4/27/98	Fri 6/5/98																				
248	Thermal Analy Report	Tue 2/17/98	Mon 6/22/98																				
249	Bounding Hatch Fuel Report	Wed 4/1/98	Tue 6/23/98																				
250	Decommissioning Report	Thu 3/12/98	Wed 6/3/98																				
251	Operational Personnel Exposure &	Tue 3/3/98	Mon 7/6/98																				
252	Off-Site Shipment Plan	Thu 3/12/98	Wed 6/3/98																				
253	Work Platform Data	Tue 7/7/98	Mon 8/3/98																				

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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
254	Submit 10CFR72.212 Report	Wed 10/14/98	Tue 2/16/99																				
255	Code Compliance Report	Wed 11/25/98	Tue 2/16/99																				
256	Licensing Milestones	Fri 5/1/98	Fri 4/30/99																				
257	NRC Part 71 Cert. of Compl. for HI-STAR 160	Fri 5/1/98	Fri 5/1/98	◆ 5/1																			
258	NRC Part 72 Cert. of Compl. for HI-STAR 100	Thu 12/31/98	Thu 12/31/98				◆ 12/31																
259	NRC SER for HI-STORM 100 Issued	Mon 8/3/98	Mon 8/3/98			◆ 8/3																	
260	NRC Part 72 Cert. of Compl. for HI-STORM	Fri 4/30/99	Fri 4/30/99					◆ 4/30															
261	SITE SERVICES SEGMENT	Tue 4/14/98	Thu 6/15/00																				
262	Site Services Deliverables	Tue 4/14/98	Thu 6/15/00																				
263	Receive Hatch Procedure Format Req.	Tue 4/14/98	Wed 4/15/98	◆ 4/14																			
264	Receive Hatch Training Format Req.	Thu 4/30/98	Fri 5/1/98	◆ 4/30																			
265	Work Flow Process Diagrams	Mon 5/11/98	Fri 7/31/98																				
266	Operating Procedures	Fri 5/1/98	Thu 8/13/98																				
267	Preoperational Startup Plans/Procedure	Mon 6/1/98	Fri 8/21/98																				

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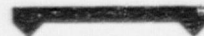
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282	HI-TRAC Transfer Cask	Tue 12/15/98	Fri 8/6/99																				
283	Procure/Receive Mat'l	Tue 12/15/98	Mon 2/15/99																				
284	Roll/Fabricate Body Shells	Tue 2/16/99	Mon 3/29/99																				
285	Install Lead Shielding	Tue 3/30/99	Fri 4/23/99																				
286	Weld Sub-Assembly/ Install Neutron	Mon 4/26/99	Fri 7/2/99																				
287	Complete Fabrication	Mon 7/5/99	Fri 7/16/99																				
288	Inspect/Ship Cask	Mon 7/19/99	Fri 8/6/99																				
289	MPC-68 Canisters	Mon 3/1/99	Thu 8/26/99																				
290	Procure/Receive Mat'l	Mon 3/1/99	Thu 4/15/99																				
291	Fabricate Canisters	Fri 4/16/99	Thu 8/12/99																				
292	Inspect/Ship Canisters	Fri 8/13/99	Thu 8/26/99																				
293	Material Handling Equipment	Mon 10/19/98	Thu 7/1/99																				
294	Deliver Auxiliary Equipment	Mon 7/12/99	Mon 7/12/99																				
295	Vertical Cask Transporter	Tue 9/1/98	Thu 9/23/99																				

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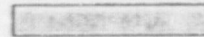
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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002												
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296	HI-STORM Storage Modules	Wed 4/1/98	Mon 8/23/99																													
297	Establish Qualified Concrete Vendor	Wed 4/1/98	Tue 5/12/98																													
298	Determine Transport Method to Site	Wed 5/13/98	Tue 5/26/98																													
299	Procure/Receive Mat'l	Mon 3/1/99	Thu 4/15/99																													
300	Fabricate Module Shells	Fri 4/16/99	Thu 7/29/99																													
301	Concrete Pour	Fri 7/30/99	Mon 8/16/99																													
302	Shipment to Site	Tue 8/17/99	Mon 8/23/99																													
303	Second Loading Campaign	Mon 10/4/99	Fri 4/7/00																													
304	Fabrication & Delivery of HI-STORMs (Second	Thu 10/7/99	Fri 4/7/00																													
305	MPC Fabrication & Delivery(Second Set of Units)	Mon 10/4/99	Fri 4/7/00																													
306	Third Loading Campaign	Mon 5/1/00	Thu 11/2/00																													
307	Fabrication & Delivery of HI-STORMs (Third	Mon 5/1/00	Mon 10/30/00																													
308	MPC Fabrication & Delivery(Third Set of Units)	Mon 5/1/00	Thu 11/2/00																													
309	Fourth Loading Campaign	Fri 3/30/01	Wed 10/3/01																													

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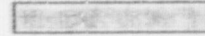
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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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310	Fabrication & Delivery of HI-STORMs (Fourth	Mon 4/2/01	Mon 10/1/01																				
311	MPC Fabrication & Delivery(Fourth Set of Units)	Fn 3/30/01	Wed 10/3/01																				
312	Fifth Loading Campaign	Thu 11/1/01	Mon 5/6/02																				
313	Fabrication & Delivery of HI-STORMs (Fifth	Mon 11/5/01	Fri 5/3/02																				
314	MPC Fabrication & Delivery(Fifth Set of Units)	Thu 11/1/01	Mon 5/6/02																				
315	Spent Fuel Rack Additions	Tue 3/3/98	Wed 1/12/00																				
316	Site Activities	Tue 3/17/98	Fri 1/19/99																				
317	Support Pool Measurement Needs	Tue 3/17/98	Mon 5/11/99																				
318	Rack Installation Activities	Fri 7/9/99	Tue 8/3/99																				
319	Receive Equipment	Fri 7/9/99	Thu 7/15/99																				
320	Receive, Unload, & Stage New Racks	Fri 7/23/99	Tue 7/27/99																				
321	Receipt Inspect/Drag Test New Racks Prior To Installation	Wed 7/28/99	Tue 8/3/99																				
322	Rack Addition DCP Process	Mon 12/21/98	Fri 11/19/99																				
323	Develop DCPs	Mon 12/21/98	Thu 4/22/99																				

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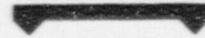
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324	Install 2 New Racks	Thu 11/11/99	Wed 11/17/99																				
325	Drag Test Installed Racks	Thu 11/18/99	Fri 11/19/99																				
326	Engineering Activities	Tue 6/9/98	Fri 12/18/98																				
327	Perform Confirmatory Analysis of Holtec Results	Tue 6/9/98	Fri 11/20/98																				
328	Prepare Design Documentation	Mon 11/23/98	Fri 12/18/98																				
329	Licensing Activities	Mon 11/9/98	Wed 11/10/99																				
330	Obtain NRC Approval	Mon 11/9/98	Wed 11/10/99																				
331	Develop License Amendment Request	Mon 11/9/98	Fri 12/4/98																				
332	Review License Amendment Request	Mon 12/7/98	Tue 1/5/99																				
333	File Amendment With NRC	Wed 1/6/99	Wed 1/6/99																				
334	Public Notice of Application	Mon 2/8/99	Mon 2/8/99																				
335	NRC Review and Approval	Thu 1/7/99	Tue 11/9/99																				
336	Receive License Approval from NRC	Wed 11/10/99	Wed 11/10/99																				
337	Quality Assurance	Mon 3/16/98	Wed 1/12/00																				

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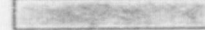
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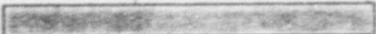
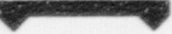


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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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338	Develop Project QA Plan	Mon 3/16/98	Fri 6/5/98																				
339	Follow Holtec Fabrication Activities	Mon 6/8/98	Wed 1/12/00																				
340	Holtec	Tue 3/3/98	Fri 11/26/99																				
341	Complete Contract Amendment	Tue 3/3/98	Mon 3/16/98																				
342	Perform Pool Surveys	Tue 3/17/98	Mon 4/13/98																				
343	Complete Pool Layout Drawings	Tue 4/14/98	Fri 11/20/98																				
344	Issue Draft Drawings	Tue 4/14/98	Mon 6/8/98																				
345	Issue Final Drawings	Tue 6/9/98	Mon 7/20/98																				
346	Complete Design & Engineering Analysis Reports	Tue 7/21/98	Fri 11/20/98																				
347	Material	Tue 7/21/98	Fri 1/15/99																				
348	Prepare Material Purchase Specs	Tue 7/21/98	Mon 8/3/98																				
349	Qualify Material Suppliers	Tue 8/4/98	Fri 9/25/98																				
350	Procure Poison Material	Mon 9/28/98	Fri 10/9/98																				
351	Procure S/S Sheet/Plate	Mon 9/28/98	Fri 10/23/98																				

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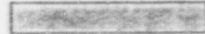
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ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
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352	Procure Misc. S/S	Mon 9/28/98	Fri 10/23/98																				
353	Manufacture Poison Material	Mon 10/12/98	Fri 12/18/98																				
354	Receive Misc. S/S	Mon 10/26/98	Fri 11/20/98																				
355	Receive S/S Sheet/Plate	Mon 10/26/98	Fri 11/6/98																				
356	Receive Poison Material	Mon 12/21/98	Fri 1/15/99																				
357	Rack Fabrication	Mon 1/18/99	Thu 7/8/99																				
358	Machine Pedestals	Mon 1/18/99	Fri 2/12/99																				
359	Machine Baseplates	Mon 1/18/99	Fri 2/12/99																				
360	Fabricate Boxes	Mon 1/18/99	Fri 3/12/99																				
361	Assemble Racks	Mon 3/15/99	Thu 5/27/99																				
362	Dummy Drag Test Racks	Fri 5/28/99	Thu 6/3/99																				
363	Inspect/Clean Racks	Fri 6/4/99	Thu 6/17/99																				
364	Package Racks	Fri 6/18/99	Thu 6/24/99																				
365	Deliver Racks	Fri 6/25/99	Thu 7/8/99																				
366	Rack Installation	Wed 6/30/99	Fri 11/26/99																				

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Rolled Up Progress

ID	Task Name	Start	Finish	1998				1999				2000				2001				2002			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
367	Mobilize Management Team On-Site	Wed 6/30/99	Thu 7/1/99																				
368	Train Installation Team	Fri 7/2/99	Thu 7/22/99																				
369	Receive Equipment	Fri 7/9/99	Thu 7/15/99																				
370	Receive, Unload, & Stage New Racks	Fri 7/23/99	Tue 7/27/99																				
371	Receipt Inspect/Dray Test New Racks	Wed 7/28/99	Tue 8/3/99																				
372	Install 2 New Racks	Thu 11/11/99	Wed 11/17/99																				
373	Dray Test Installed Racks	Thu 11/18/99	Fri 11/19/99																				
374	Demobilize Crew	Mon 11/22/99	Fri 11/26/99																				

Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Milestone

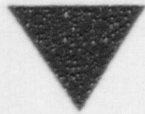
Rolled Up Progress

Rolled Up Milestone

Plant E. I. Hatch Spent Fuel Storage

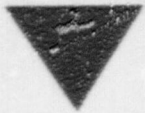
Presentation to
U. S. NRC
Region II





Agenda

- | | |
|----------------------|--------|
| ■ Introductions | Bland |
| ■ Meeting Objectives | Bland |
| ■ Hatch Status | Bland |
| ■ Project Activities | Bland |
| ■ Licensing Status | Howard |
| ■ Schedule | Bland |
| ■ Discussion | All |



Meeting Objectives

- Status of Hatch fuel storage situation
- SNC activities to date
- Selected vendor status
- Site project activities
- Schedule
- Region NRC involvement



Hatch Status

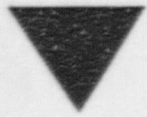
- Operating License
 - Unit 1 - 1974
 - Unit 2 - 1978
- Individual spent fuel pools
 - common floor
 - transfer canal between
 - function as one pool

Spent Fuel Pool

- 6026 licensed locations
- 5946 locations installed
- 1251 remaining for storage
- Major milestones
 - 2 core reserve loss - Fall 1998
 - single core reserve loss - Fall 2000
 - pool filled - Spring 2003
- Rack addition limited benefit

Project Activities

- Major considerations
 - industry experience - lessons learned
 - quality assurance oversight
 - dual purpose container
 - single core offload



Project Resources

- Company resources
 - Executive management oversight
 - Project management
 - Quality assurance
 - Licensing expertise
 - Technical expertise
 - Operations expertise
- Third party inspectors



SNC Activities

- SFPO briefing
 - September 1997 - informed NRC of need for dry cask storage
 - December 1997 - announced selection of Holtec International as vendor
- Cask vendor procurement
 - Vendor proposal request issued - August 1997
 - Offers received - October 1997
 - Holtec international selected
 - Contract signed - January 20, 1998



Licensing Options

- 10CFR72
 - general versus site specific
- Selection - General License
 - flexibility
 - simplicity
 - timeliness
- Selection considerations
 - 10CFR50 licensee
 - DOE performance expectations



Holtec Status

- **Hi-Star 100**
 - dual-purpose canister/transportation overpack
 - docketed - March 1994
 - 2nd RAI - November 1997
 - supported by Dresden

- **Hi-Storm 100**
 - dual-purpose canister/storage overpack
 - docketed - October 1995
 - Hi-Star RAIs incorporated into Hi-Storm
 - NRC technical review not yet started
 - supported by Hatch



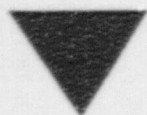
Holtec Dry Cask System

- Hi-Star 100
 - Part 71 CofC - May 1998
 - Part 72 CofC - December 1998
- Hi-Storm 100
 - NRC SER - August 1998
 - Part 72 CofC - April 1999
- These are contractual dates provided by Holtec International.



ISFSI Milestones

- Complete pad design - June 1998
– soil analysis, concrete pad, lighting
- Pad pour - October thru December 1998
- Complete pad security design - March 1999
– cameras, fence, wiring, computer interface
- ISFSI pad construction complete - July 1999



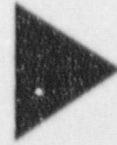
Admin Milestones

- Admin/program procedures in place - May 1998
 - 72.48 evaluation
 - 72.212 report guidance
- Site operational procedure development complete - March 1999
 - loading/unloading
 - welding
 - security
 - training



Plant Milestones

- Plant modifications complete - May 1999
- NRC demonstration dry run* - February 2000
- Load first canister* - April 2000
- * These dates are the latest as not to impact single core offload. All other dates support an earlier load in Fall 1999 dependent on the licensing/ rulemaking duration.



Region NRC Review & Oversight

- Definitive need for NRC involvement
- NRC inspection activities
 - Hatch site preparation
 - NRC inspection procedures
- NRC recommendations