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0020348

February 19, 1992

Meeting Minutes Transmittal/Approval
100 Area Field Activities
450 Hills Street, Richland, Washington
December 17, 1991

From/
Appvl.: Eric Goller Date: 3-26-92
Eric Goller, Unit Manager, DOE-RL (A5-19)

Appvl.: Charles S. Cline for LG Date: 3/26/92
Larry Goldstein, 100-HR-1/BC-1/BC-5/NR-1/KR-1 Unit Manager, WA Department of Ecology

Appvl.: [signature] for DRS Date: 3-26-92
Douglas R. Sherwood, 100-HR-1/HR-3/DR-1/BC-1/BC-5 Unit Manager, EPA (B5-01)

Meeting Minutes are attached. Minutes are comprised of the following:

Attachment #1 - Meeting Summary/Summary of Commitments and Agreements
Attachment #2 - Attendance List
Attachment #3 - Agenda
Attachment #4 - Commitments/Agreements Status List
Attachment #5 - Schedule
Attachment #6 - DOWs Submitted to DOE-RL and Regulators
Attachment #7 - Change Control Form, 1 for 100-DR-1

Prepared by: William Tryer Date: 3/26/92
SWEC Support Services

Concurrence by: [signature] Date: 3/26/92
WHC Coordinator

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Attachment #1

Meeting and Summary of Commitments and Agreements

100 Area Activity Summary
December 17, 1991

1. ~~Allan~~ ALAN Krug (WHC) introduced Steve Clark (WHC) and Steve Weiss (WHC) who provided updates on the 100 Area operable units.

2. Steve Clark began the presentation by providing an update on the scheduled activities related to contaminant identification and to risk assessment. Also, Mr. Clark stated that the cumulative health effects studies are on schedule, and the initial model evaluation of the aquifer - river interactions was completed, but the shoreline activities were behind schedule.

3. ~~Allan~~ ALAN Krug stated that documents on determining background were being prepared through Fred Ruck's group, and that the Soils Background Plan and the Methodology Strategy had already been completed. It is planned that the monthly status of these activities will be provided.

4. Steve Vukelich (WHC) presented the status of the 100-HR-3 groundwater unit. The geologic investigations are being carried out by the Geoscience group who will be producing a report soon. Two drilling rigs are being used in the field, and a third should be on site soon.

5. "Naik" Naiknimbalkar (WHC) presented the status of the 100-DR-1 surface radiation activities and the soil gas survey. It was felt that the soil gas survey would be completed by the end of February if the weather permits. Work on the soil gas survey is behind schedule at the present time because of manpower problems.

6. The vadose investigation is going quite well as seven boreholes have been completed, logged, and filled.

7. There will be a meeting in the near future to discuss coordination of activities that use the spectral logging tool and to establish priorities.

8. Work on air monitoring, cuttings, borehole abandonment and sampling analysis are on schedule.

9. Doug Sherwood introduced Dennis ~~Falk~~ FAULK (EPA) as the new unit manager for 100-BC-1 and -5. Doug Sherwood will be assuming Pamela Innis' unit managers role for the next two months.

10. There are some problems with the F Area schedule that will require a separate meeting to clarify. Bill Green (WHC) will be the coordinator for FR-1 and KR-1 activities.

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11. James Goodenough (RL) stated that all of the work plans were out except those for 100-NR-1 and 100-NR-2, and they should be out by the end of the year.

12. A list of the descriptions of work (DOWs) through the end of the year is available so that interested parties will know what needs to be reviewed and approved. ALAN ~~Allen~~ Krug stated that the DOW schedule will be presented at the monthly meetings.

13. Doug Sherwood discussed concerns voiced about DOWs vs. work plan contents. DOWs aren't enforceable, whereas work plans are. Therefore, a work plan must have enough detail to provide enforceability. This subject will be discussed in a separate meeting.

14. Mr. Krug identified a need to take data from several boreholes where data from gross gamma logging, spectral gamma logging, screening and the 222-S Laboratory was available, and to compare this data to determine the value of the various logging devices. Mr. Krug is trying to put together the first data review set for January 1992. Concern was expressed about the possibility of contaminating the logging trucks by taking them into the retention basins to do logging.

15. Roberta Day (WHC) stated that radioactive samples equal to or exceeding 10 mr per hour cannot be shipped to off-site laboratories, at the present time. Only samples under ten nanocuries per gram are being sent to off-site laboratories. Doug Sherwood stated that the restrictions on off-site shipments must be in writing as a dispute resolution package that states "there is absolutely no impact of not building an on-site laboratory" had just been received.

Action Item #1AAMS.3: RL is to provide a letter to EPA and Ecology detailing the current radiation limits for off-site shipments of samples. Action: RL

16. The turnaround time for off-site laboratories is a problem. At the present time it is 320 days for the groundwater samples from 200-BP-1.

17. Donna Lacombe (PRC) stated that a non-CLP laboratory could be used onsite to do CERCLA work as long as CLP procedures are used.

18. Steve Weiss' presentation covered milestone M-30-2 and the means being employed to assure clarity of its purpose and content. Mr. Weiss provided reviewers with copies of an outline covering the status of each milestone. The reviewers were asked to contact Eric Goller (RL) or Steve Weiss if there are any comments. The due date for milestone M-30-2 is in May 1992.

19. Ralph Patt (technical adviser to the Governor of Oregon on Hanford) explained that his purpose for attending the UMM meeting was to be able to inform the Governor of Oregon on the progress of cleanup issues at Hanford.

20. ALAN ~~Allen~~ Krug identified several items concerning work plans that needed to be discussed. It was decided that it would be best to assemble the

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responsible individuals to review and work out areas of concern work-plan-by-work-plan. Golder will log comments on work plans as they are submitted and determine if they are applicable to more than one work plan. Golder will also try to build a cross index for work plans.

21. Chuck Cline (Ecology) noted that there have been a number of major changes in the data management plans that need to be resolved. ~~Allan~~ Krug stated that a number of comments cannot be resolved at the operable unit level or in the time-frame in which work plans are going to be reissued. This is because a number of the comments deal with disagreements of interpretations arrived at in past meetings, or with adding more tests. These comments are very hard to write dispositions on. It was suggested that a representative from EPA, Ecology, RL and WHC be appointed to form a committee and work out the details of the data management plan.

Action Item #1AAMS.4: RL is to provide a plan for incorporating comments into the work plans and also the schedule to do so to EPA and Ecology. Action: RL.

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Attachment #2

Attendance List
100 Area Field Activities
December 17, 1991

Name	Organization\Responsibility		Phone
Goller, Eric	DOE-RL	GW OU Manager	509-376-7326
Goodenough, Jim	DOE-RL	100 Areas O.U.	509-376-7087
Hibbard, Rich	Ecology	Unit Support	206-493-5367
Gross, Steve	Ecology	CERCLA Unit	206-459-6675
Teel, Darci	Ecology	OU Manager	509-545-2312
Sherwood, Doug	EPA	Unit Manager	509-376-9529
Faulk, Dennis	EPA	Unit Manager	509-376-8631
Lacombe, Donna	PRC	EPA Contractor	206-624-2692
Patt, Ralph	Oregon	Observer	503-378-8455-211
Ayres, Jeff	WHC	100-HR-1	509-376-3918
Clark, Steve	WHC	Risk Assessment	509-376-1513
Day, Roberta	WHC	100-BC-1	509-376-7602
Krug, Alan	WHC	100 HID Areas	509-376-5634
Lauterbach, Merl	WHC	Env. Engr.	509-376-5257
Naiknimbalkar, N. M.	WHC	100-DR-1	509-376-8739
Roberts, Jim	WHC	100-BC-5	509-376-5164
Knox, Kathy	CNES	GSSC	509-376-5011
McClung, Bill	SWEC	GSSC	509-376-1853
Vukelich, Steve	WHC	100-HR-3	509-376-5158
Weiss, Steve	WHC	100 Agg Area	509-376-1683
Drost, Brian	USGS	EPA Support	206-593-6510
Staubitz, Ward	USGS	EPA Support	206-593-6510

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Attachment 3

AGENDA
100 AREA UNIT MANAGERS MEETING
DECEMBER 17, 1991

1. Operable Unit Status
   - 100-HR-1
   - 100-HR-3
   - 100-DR-1
   - 100-BC-1
   - 100-BC-5
   - Others

2. Open Items
   - Descriptions of Work
   - Spectral Gamma Logging
   - Sodium Dichromate Tank Site
   - High Rad Laboratory Strategy
   - Milestone M-30-2

3. Work Plan Comment Incorporation
   - Consistency between EPA and Ecology comments
   - Data Management Plan
   - Working group to resolve comments
   - Schedule for resubmittal

4. New Items

5. Action Items
   - Old items
   - New items

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Attachment #4

Commitments/Agreements Status List
Aggregate Area Status
December 21, 1991

Item No.	Action	Status
1HR1.28	Determine when the topographic mapping will be available on HEIS, who is responsible for digitizing the mapping, and when it will be available. Action: Alan Krug (11/15/90)	Open: Remains open on the question of when the data will be in HEIS. (7/18/91)
1HR3.29	Provide regulators with information about the situation concerning the cooling-water discharge pipeline/vent pipes on the island opposite D reactor. Action: Jim Goodenough (11/15/90)	Open: WHC sent a letter to DOE requesting guidance on the extent of NEPA documentation required and is awaiting DOE's response. (7/18/91)
1HR3.32	Regarding the removal of the vent pipes, WHC will: 1) Determine the need for an ACE permit; 2) obtain a letter from ACE that gives approval to begin work before the need for the permit is determined; and, 3) draft letters on the matter to the Natural Resources Trustees. Action: A. Krug (1/15/90)	Open: Pending overall resolution (7/18/91)
1NR.3	Provide to Ecology (and EPA if desired) the DOE guidance documents that are needed. Action: Larry Goldstein (7/18/91)	Open: Larry Goldstein will send a letter specifying exactly what supporting documents Ecology would like to receive. (7/18/91)
1AAMS.1	The 100 Area schedule assumptions presented by Merl Lauterbach are to be discussed with the regulators and resolved. Action: Doug Sherwood, Larry Goldstein, Mike Thompson (9/19/91)	Open

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1AAMS.2	WHC, DOE and the regulators are to meet to resolve questions on the 100 Area investigations. Topics to be discussed include geophysical logging, physical testing, archiving of "hot" samples, aquifer testing, etc. This meeting is tentatively scheduled for November 26, 1991. Action: Merl Lauterbach (11/21/91)	Open
1AAMS.3	Clarify the level above which RAD samples can not be shipped off site. Action: DOE (12/17/91)	Open
1AAMS.4	Provide a plan for incorporating the comments of EPA and Ecology into the work plans. Action: DOE (12/17/91)	Open

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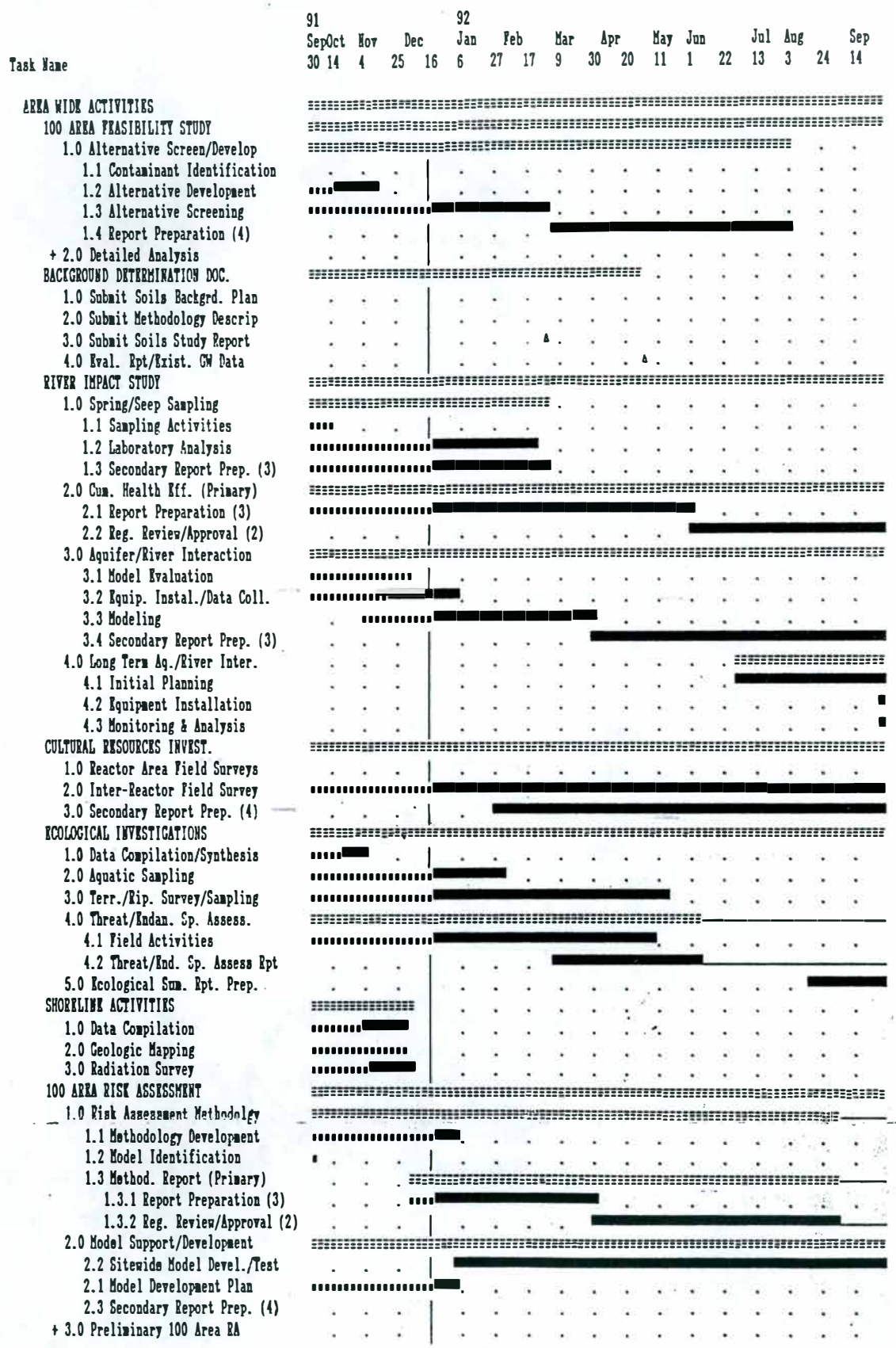
Schedule Name : 100 Area FY91
Responsible :
As-of Date : 16-Dec-91

Attachment 5

Schedule File : 100AREA



Detail Task ===== Summary Task ••••• Baseline
(Progress) ===== (Progress) >>> Conflict
(Slack) ===— (Slack) Resonrce delay
Progress shows Percent Achieved on Actual ▲ Milestone
Scale: 3 days per character

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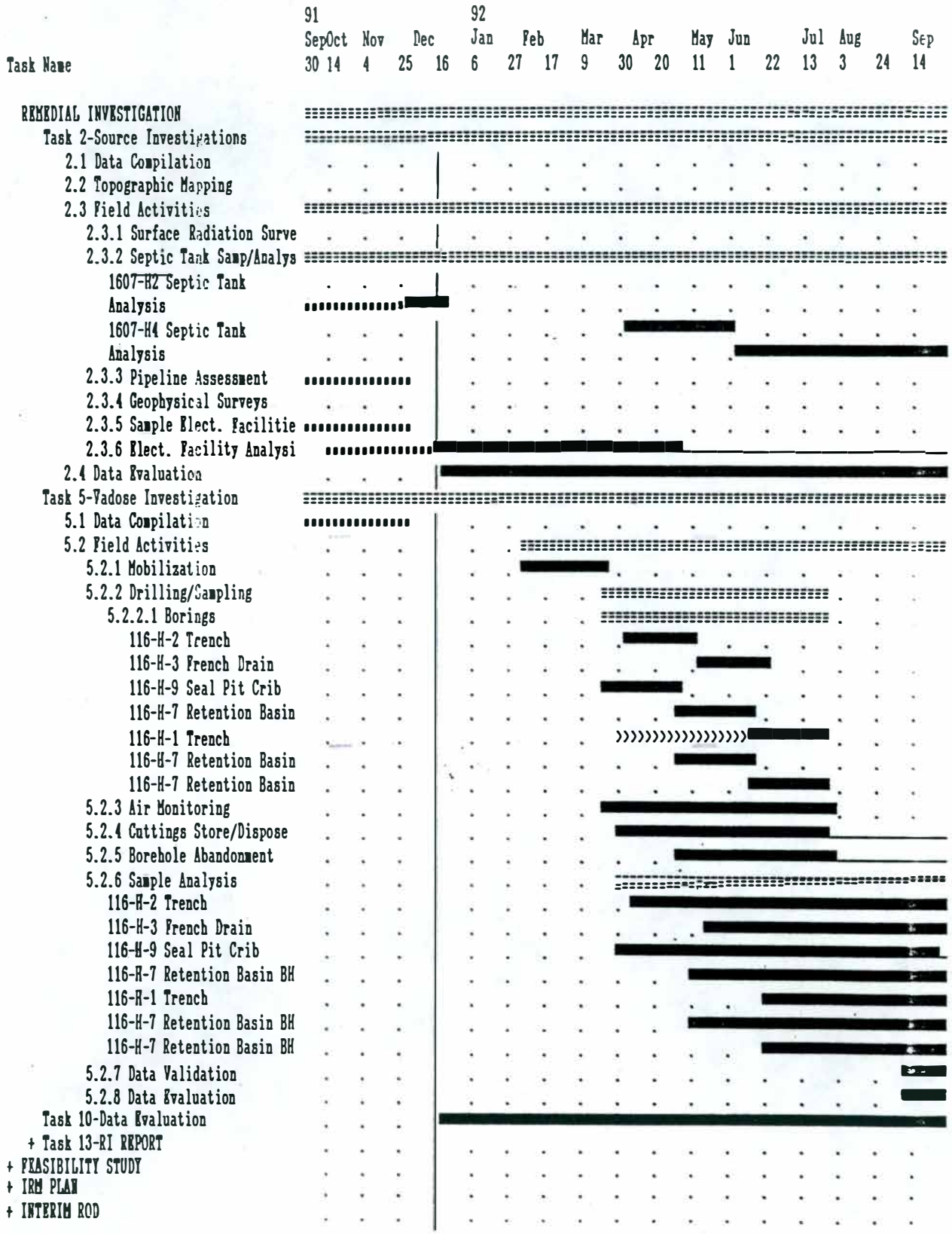
Schedule Name : 100 Area F.91
Responsible : J. Ayres
As-of Date : 16-Dec-91 Schedule File : HR1



Detail Task ≡≡≡≡≡ Summary Task ••••• Baseline
(Progress) (Progress) >>> Conflict
(Slack) (Slack) Resource delay
Progress shows Percent Achieved on Actual ▵ Milestone
Scale: 3 days per character

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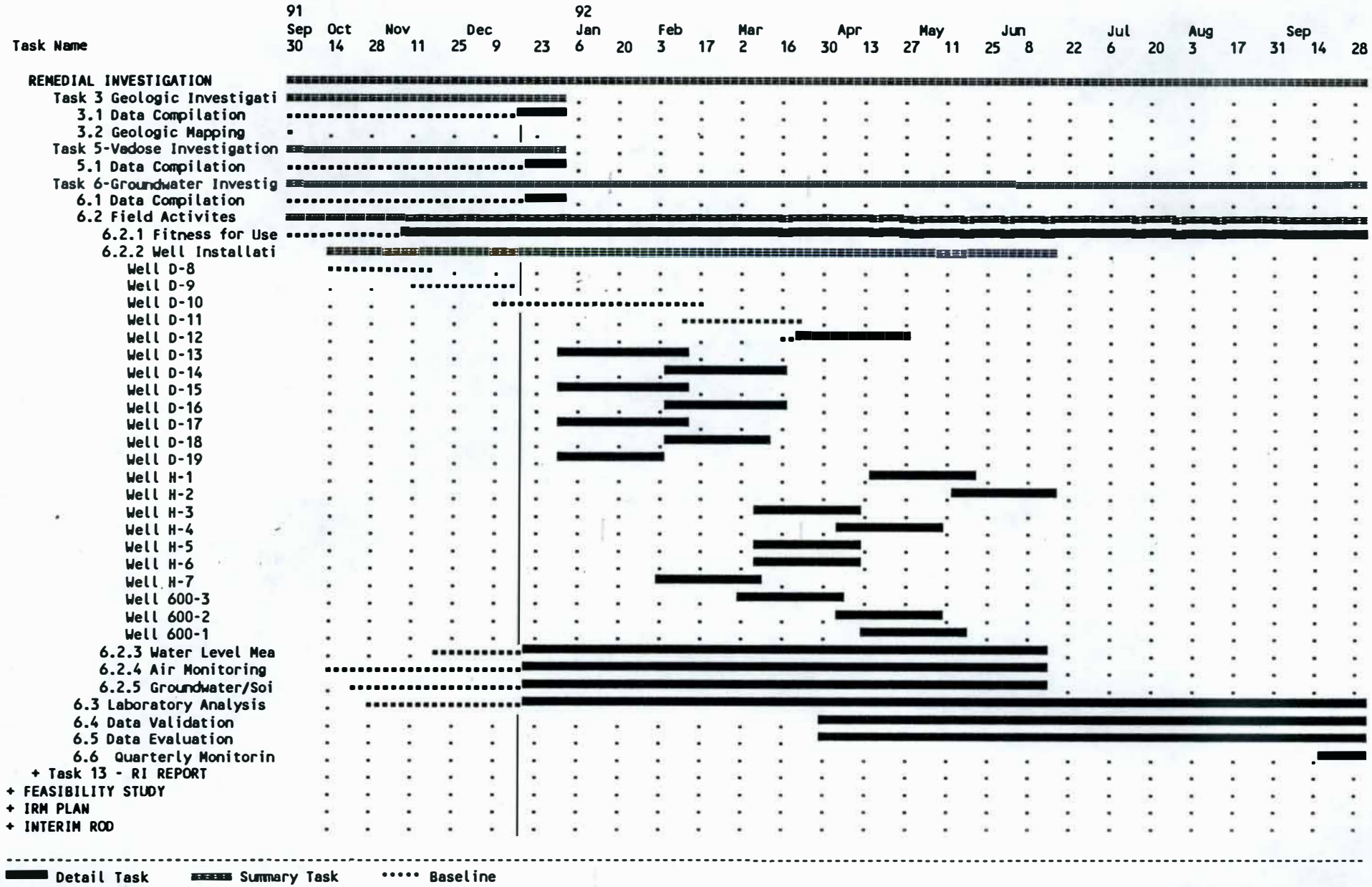
Schedule Name : HR-3 GROUND WATER DRILLING
Responsible : STEVE VUKELICH
As-of Date : 17-Dec-91 Schedule File : HR3

INVESTIGATION



Detail Task Summary Task Baseline

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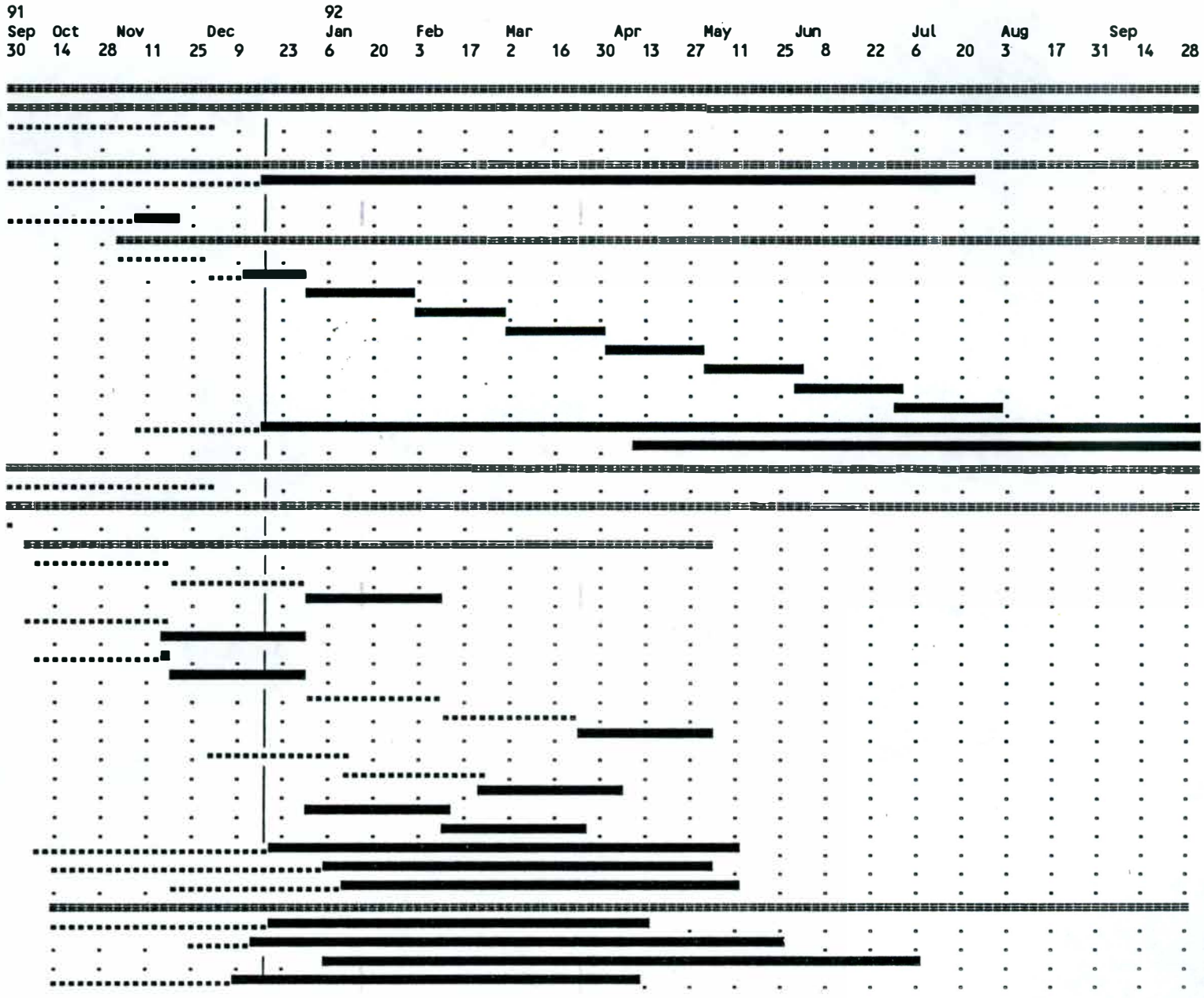
..▬ (Progress) ==▬ (Progress) ▸▸▸ Conflict
▬— (Slack) ▬—— (Slack) ..▬ Resource delay
Progress shows Percent Achieved on Actual ▲ Milestone
---------- Scale: 2 days per character ----------

TIME LINE Gantt Chart Report, Strip 1

9 2 1 2 5 5 5 1 4 4 6

Schedule Name : 100-DR-1
Responsible : Naik M. Naiknimbalkar
As-of Date : 17-Dec-91 Schedule File : DRICOPY

Dependencies : REMEDIAL INVESTIGATION



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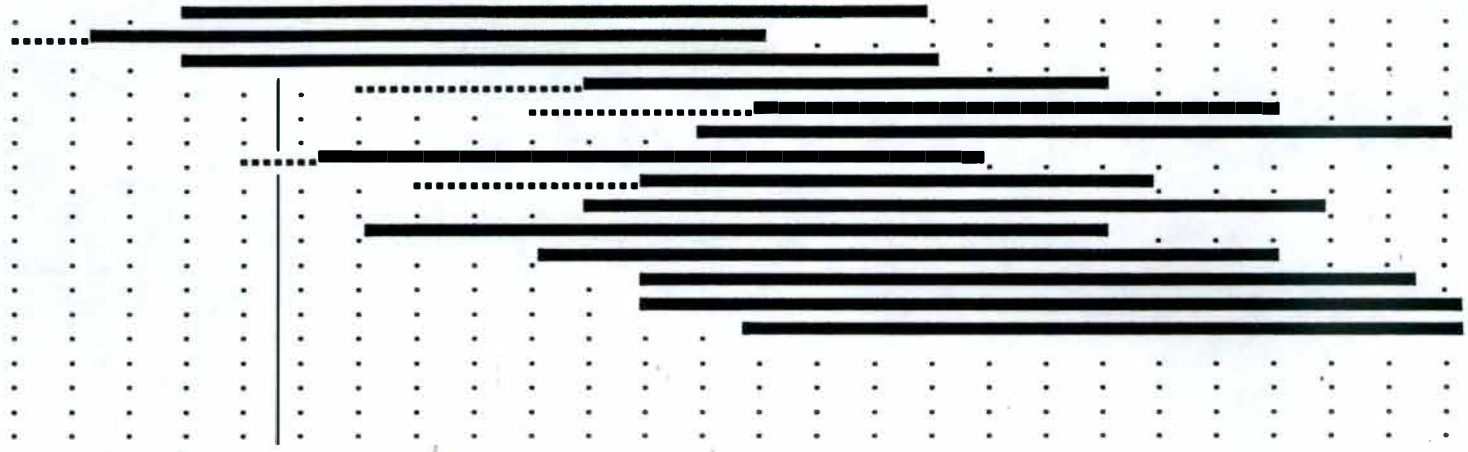

Detail Task — Summary Task — Baseline
(Progress) — (Progress) — Conflict
(Slack) — (Slack) — Resource delay
Progress shows Percent Achieved on Actual — Milestone

Scale: 2 days per character

TIME LINE Gantt Chart Report, Strip 1

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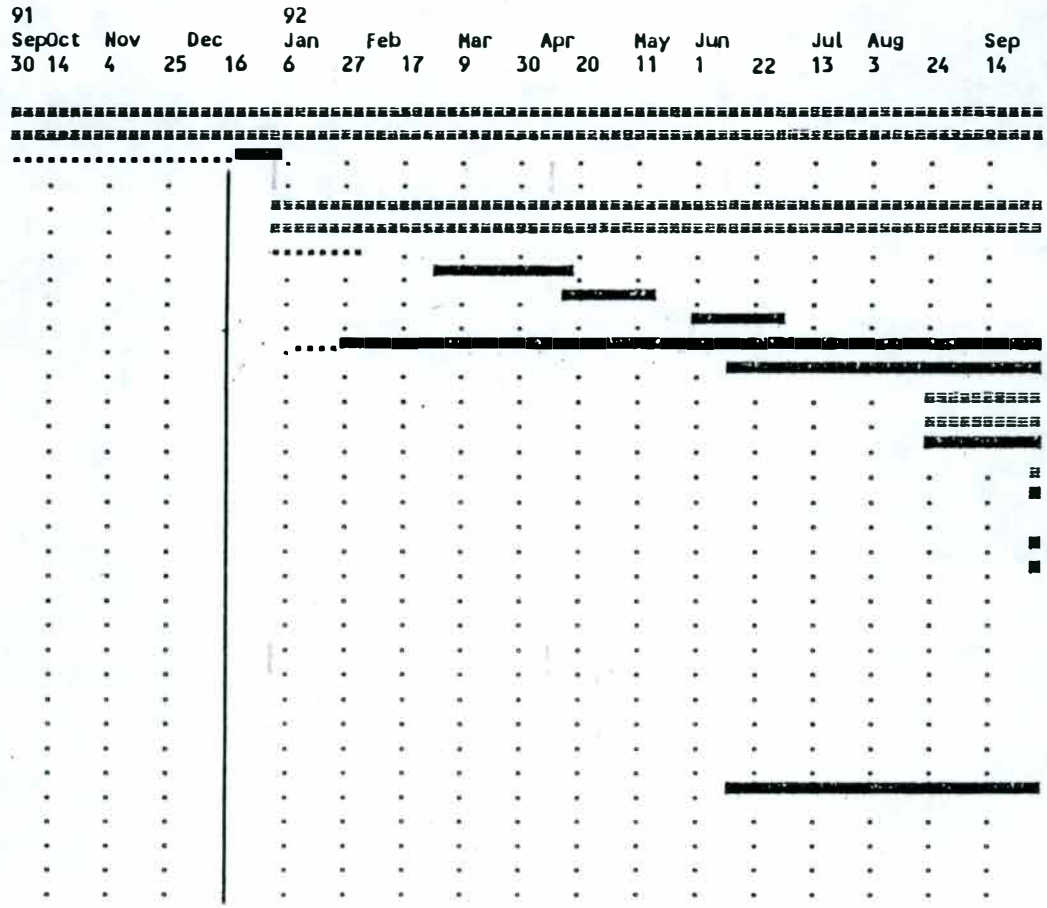
Schedule Name : 100-BC-1 Source Operable Unit
Responsible : R. E. Day
As-of Date : 16-Dec-91 Schedule File : BC1STATS

Dependencies : REMEDIAL INVESTIGATION



Detail Task — Summary Task — Baseline
(Progress) — (Progress) — Conflict
(Slack) — (Slack) — Resource delay
Progress shows Percent Achieved on Actual — Milestone
Scale: 3 days per character

TIME LINE Gantt Chart Report, Strip 1

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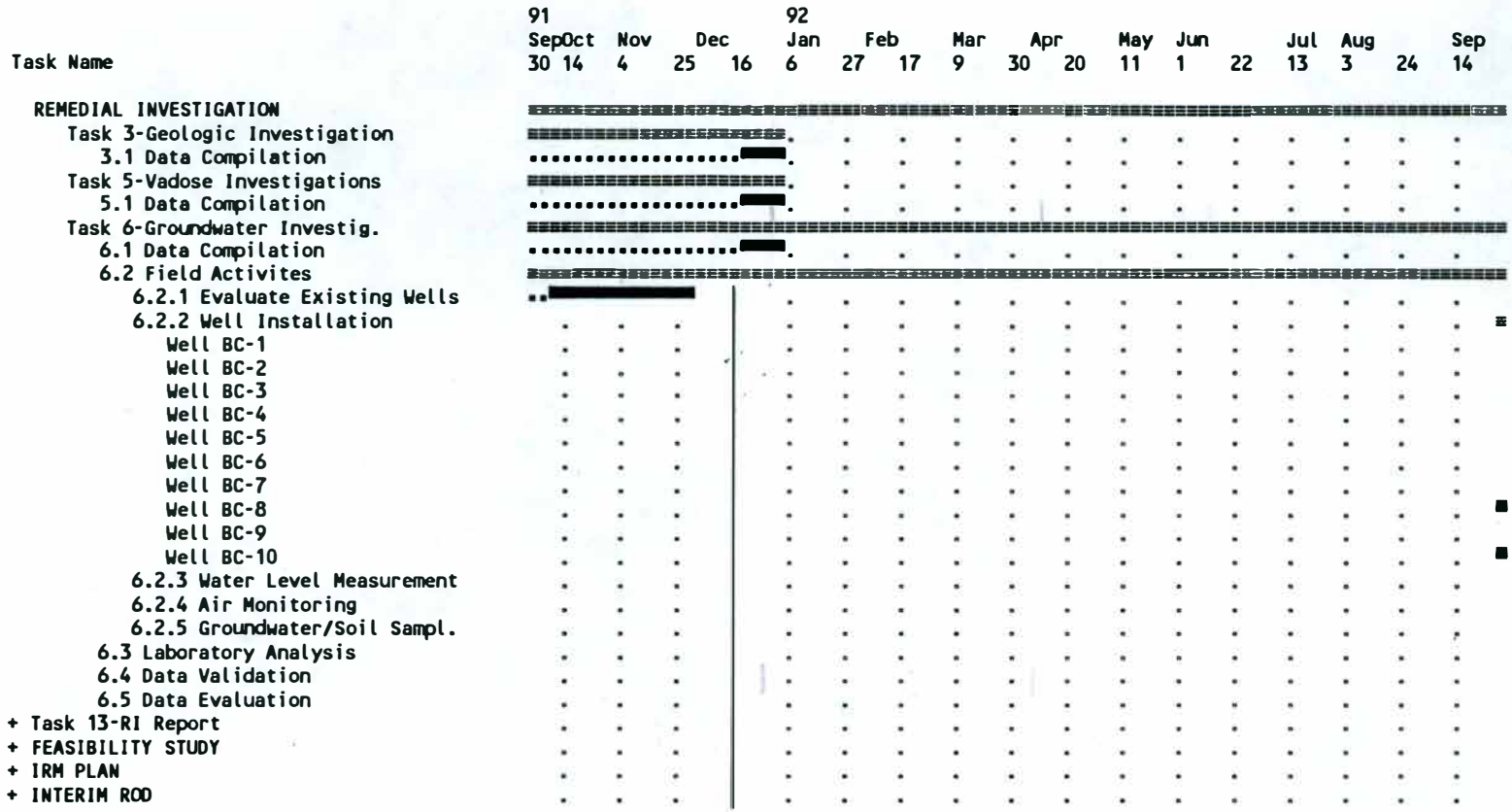
Schedule Name : 100-BC-5 GROUND WATER OPERABLE UNIT
Responsible : J. W. Roberts
As-of Date : 17-Dec-91 Schedule File : BC5STATS



Detail Task — Summary Task — Baseline
(Progress) — (Progress) — Conflict
(Slack) — (Slack) — Resource delay
Progress shows Percent Achieved on Actual — Milestone
Scale: 3 days per character

TIME LINE Gantt Chart Report, Strip 1

		Subject Title	Review Cycle	
			DOE-RL (1 week)	Regulatory (2 weeks)
		DOW'S ALREADY SUBMITTED TO DOE-RL AND REGULATORS.		
1	100-DR-1	100-DR-1 Vadose Drilling Activities, WHC-SD-EN-AP-061		
2	100-HR-3	100-HR-3 Groundwater Drilling Activities, WHC-SD-EN-AP-060		
3	100-HR-1 100-BC-1	100-HR-1 & 100-BC-1 Electrical Facility Source Sampling, WHC-SD-EN-AP-064		
4	100-HR-1	100-HR-1 Vadose Drilling Activities, WHC-SD-EN-AP-066		
		DOW'S TO BE SUBMITTED TO DOE-RL AND REGULATORS.		
5	100-DR-1	100-DR-1 Source Investigation Activities, (Sodium Dichromate Tanks), WHC-SD-EN-AP-	December 10, 1991	December 24, 1991
6	100-DR-1	100-DR-1 Source Investigation Activities, Rev. 1, (108 Office Building Decon Facility)	December 23, 1991	January 6, 1992
7	100-DR-1	100-DR-1 Source Investigation Activities, Rev. 2, (D Area Septic Tanks)	January 6, 1992	January 20, 1992
8	100-BC-5	100-BC-5 Groundwater Drilling Activities	January 13, 1992	January 27, 1992
9	100-DR-1	100-DR-1 Source Investigation Activities, Rev. 3, (116-D Fuel Oil Tank)	January 20, 1992	February 3, 1992
10	100-BC-1	100-BC-1 Source Investigation Activities	February 3, 1992	February 17, 1992
11	100-DR-1	100-DR-1 Source Investigation Activities, Rev. 4, (1714/1715/1716/1722 & Paint Shop)	February 12, 1992	February 27, 1992
12	100-BC-1	100-BC-1 Vadose Drilling Activities	March 2, 1992	March 16, 1992
13	100-DR-1	100-DR-1 Source Investigation Activities, Rev. 5, (Ash Disposal Basin)	February 17, 1992	March 2, 1992
14	100-NR-1	100-NR-1 Source Investigation Activities	February 17, 1992	March 2, 1992
15	100-FR-1	100-FR-1 Source Investigation Activities	February 24, 1992	March 9, 1992
16	100-DR-1	100-DR-1 Source Investigation Activities, Rev. 6, (Salt Dissolving Pit)	March 2, 1992	March 16, 1992
17	100-DR-1	100-DR-1 Source Investigation Activities, Rev. 7, (132-D-3 Effluent Pumping Station)	March 16, 1992	March 30, 1992
18	100-DR-1	100-DR-1 Source Investigation Activities, Rev. 8, (103-D Green Metal Fuel Storage)	March 30, 1992	April 13, 1992

Attachment 6

Attachment 7

Control Number	100 NPL Agreement/Change Control Form	Date Submitted
1	__ Change _X_ Agreement __ Information Operable Unit(s) 100-DR-1	Date Approved

Document Number & Title:	Date Document Last Issued
DOE/RL 89-09, Draft C RCRA Facility Investigation/ Corrective Measures Study Work Plan for the 100-DR -1 Operable Unit, Hanford Site, Richland, Washington	September 1991

Originator	Phone
N. M. Naiknimbalkar 100-DR-1 RI Coordinator	(509) 376-8739

Summary Description

In the work plan exact locations of the sodium dichromate tanks were not well defined and therefore the test pit location was not established. The work plan, in Section 5.1.5.3, Subtask C - Test Pit Sampling asks that, "the final test pit location will be determined at a Unit Manager's meeting" following determination of the exact location of the tanks. The locations of sodium dichromate tanks are now estabished and are shown in the attached map (Figure 1). Also attached is a map showing test pit location (Figure 2).

One sample will be collected from each tank location, within five feet of the tank perimeter.

Justification and Impact of Change

The change form is prepared to comply with the work plan. Impact of Change: Not Applicable.

N. M. Naiknimbalkar — 12/10/91
WHC Operable Unit Coordinator — Date

James Goodykoontz — 12/11/91
DOE Unit Manager — Date

Daci D. Teel — 12/11/91
Lead Regulatory Unit Manager — Date

Per Action Plan for Implementation of the Hanford Consent Order and Compliance Agreement Section 9.3

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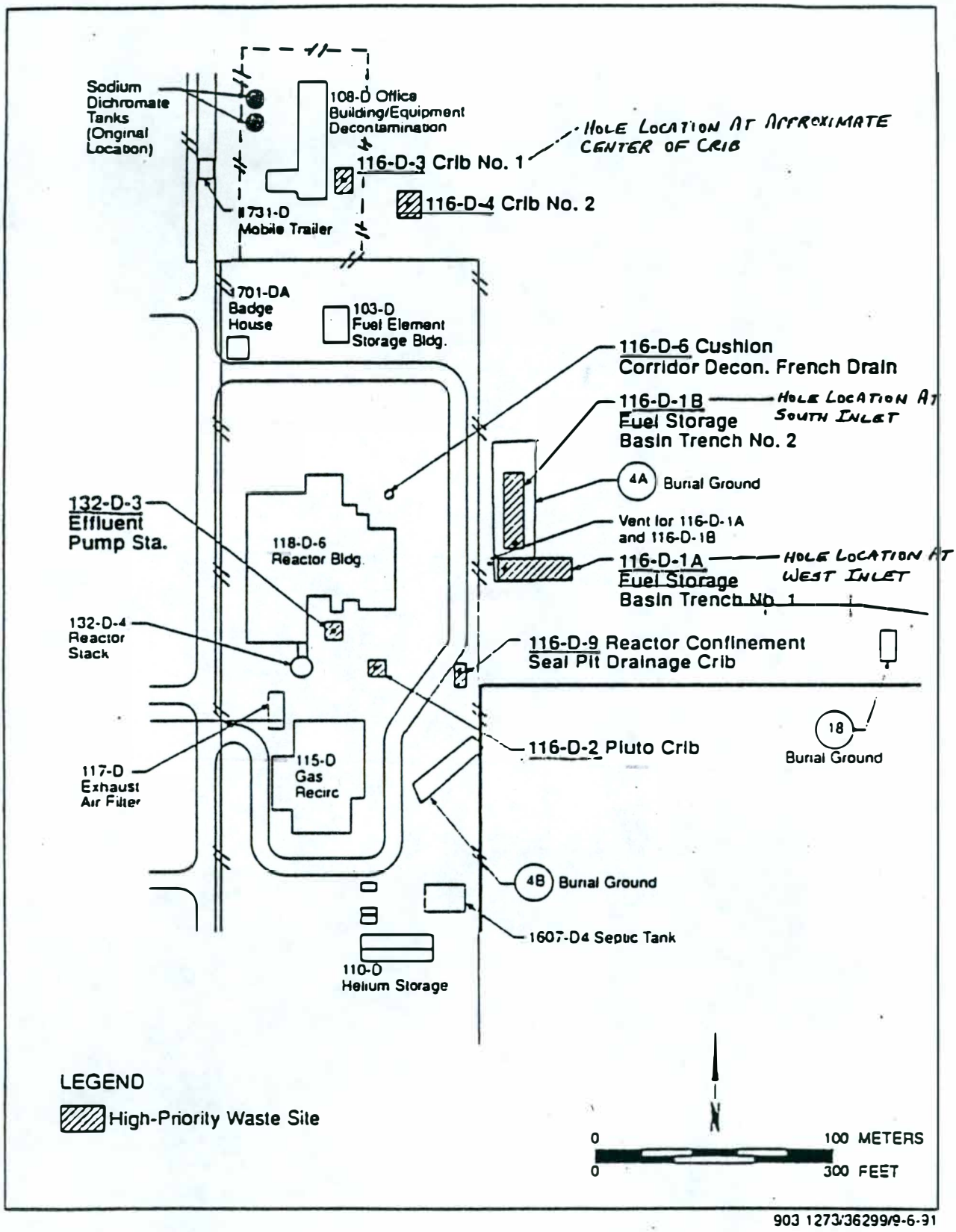

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Figure 1: Sodium Dichromate Tanks (Original Location)

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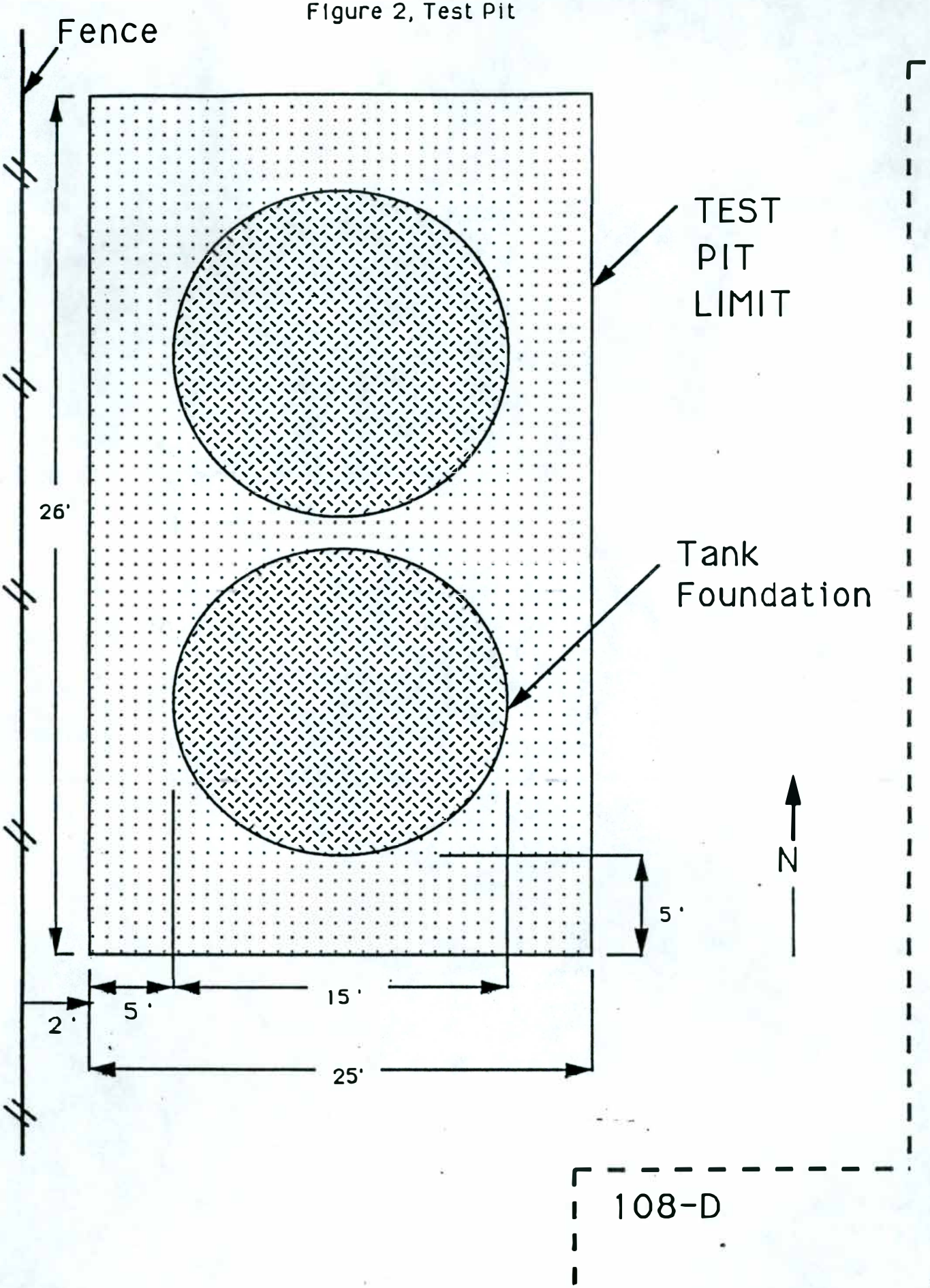
Figure 2, Test Pit



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100 Area Field Activities
December ~~21~~, 1991
17

Distribution:

Pamela Innis, EPA (B5-01)
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Ward Staubitz, USGS
Diane Clark, DOE (A5-55)
Doug Fassett, SWEC (A4-35)
Mary Harmon, DOE-HQ (EM-442)
Mike Thompson, DOE-RL (A5-19)
Tom Wintczak, WHC (B2-15)
Mel Adams, WHC (H4-55)
Merl Lauterbach, WHC (H4-55)
Linda Powers, WHC (B2-35)
Don Praast, GAO (A1-80)
L.D. Arnold, WHC (B2-35)

~~Ronald D. Izatt (A6-95)~~
~~Director, DOE-RL, ERD~~
Ronald E. Gerton (A6-80)
Director, DOE-RL
Roger D. Freeberg (A6-95)
Chief, Rstr. Br., DOE-RL/ERD
~~Steven H. Wisness~~
~~Tri-Party Agreement, Prog. Mgr.~~
Richard D. Wojtasek (B2-15)
Prgm. Mgr. WHC

ADMINISTRATIVE RECORD: 100-HR-1, 100-HR-3, 100-DR-1, 100-BC-1, 100-BC-5, 100-KR-1, 100-KR-4, 100-NR-1, 100-NR-3; Care of Susan Wray, WHC ~~(H4-51C)~~
H4-22

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