



Department of Energy  
Washington, DC 20585

MAY 23 1989

Mr. John Linehan, Director  
Repository Licensing and  
Quality Assurance Project Directorate  
Division of High-Level  
Waste Management  
Office of Nuclear Materials  
Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Linehan:

Reference:

- 1) Letter from G. Appel to J. Linehan; dated April 4, 1989; re:  
Transmittal of Integrated Schedule for DOE/NRC Interactions.

Enclosed with this letter is a revised schedule of proposed Department of Energy (DOE)/Nuclear Regulatory Commission (NRC) interactions (Enclosure 1). As we have agreed, the purpose of this schedule is to provide a mechanism by which we can plan our interactions and resource needs. It represents our best estimate at this time of the relative timing of interactions which may change based on program priorities or resource constraints. The revisions made to this schedule are based on the results of our April 20, 1989, meeting. Changes made in the eight general areas of schedule are described in Enclosure 2, responses to questions asked of DOE are also included.

We agreed to establish a meeting to discuss the the types of interactions that we might employ in the future and decide on an initial list of technical/regulatory interactions to include on the schedule. Late June appears to be an appropriate time to have such a discussion. Please contact me at your earliest convenience to reach agreement on a specific date and time for a meeting.

Sincerely,

Gordon Appel, Chief  
Licensing Branch  
Office of Civilian Radioactive  
Waste Management

cc:  
R. Browning, NRC  
B.J. Youngblood, NRC  
R. Loux, State of Nevada  
S. Bradhurst, Nye County, NV  
D. Bechtel, Clark County, NV  
M. Baughman, Lincoln County, NV  
C. Johnson, State of Nevada

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Changes to Proposed DOE/NRC Interactions Schedule  
Resulting from April 20, 1989 DOE/NRC Meeting

Reference

- All reference milestones except for, "Initiate ESF Title II Design" and "Start Cold Runs (DWPF)", were deleted. Schedules for program milestones are currently under DOE review.
- At our meeting, the State of Nevada questioned the lack of a schedule offset between the start of construction of ES-1 and ES-2. The original schedule should have shown an offset of 35 days. However, as indicated above, DOE program milestones are currently under review.

Site Characterization Plan

- A meeting to review NRC's Preliminary SCP Comments was added, for May 9-10, 1989, and is shown as completed.
- The Volcanics Field Trip was moved to "Other" category and is shown as completed.
- DOE receipt of NRC's Site Characterization Analysis (SCA) was rescheduled for 7/28.

Study Plans

- The latest Study Plan submittal schedule which was transmitted to NRC on May 3, 1989 is reflected in the interaction schedule.
- At our meeting, the State of Nevada inquired about the nature of the Study Plans for which submittal was shown on the schedule. This schedule calls for the submittal of 5 of 6 ESF-construction phase Study Plans and 13 of 36 Study Plans for ongoing activities. However, there are other ongoing studies and newly identified studies, related to tests planned for the first year of site characterization, which are not shown on the schedule.
- Submittal of the DOE Study Plan Analysis (SPA) is scheduled for the end of May 1989 and the associated 90 day comment meeting adjusted accordingly.

Quality Assurance

- Submittal of YMPO QAPP was rescheduled for June 30, 1989 and the title was corrected.

Design Process

## Enclosure 2

- The proposed meeting on NUREG-1318 implementation was rescheduled to reflect latest information for late June, 1989.
- A proposed meeting on ESF Design Control was added to the schedule for early June.

### Technical & Regulatory Positions

- The meetings previously shown were deleted. Rescheduling of meetings to is expected to be the topic of a meeting proposed for early June, 1989, which is shown in the "Other" category.

### Waste Acceptance Process

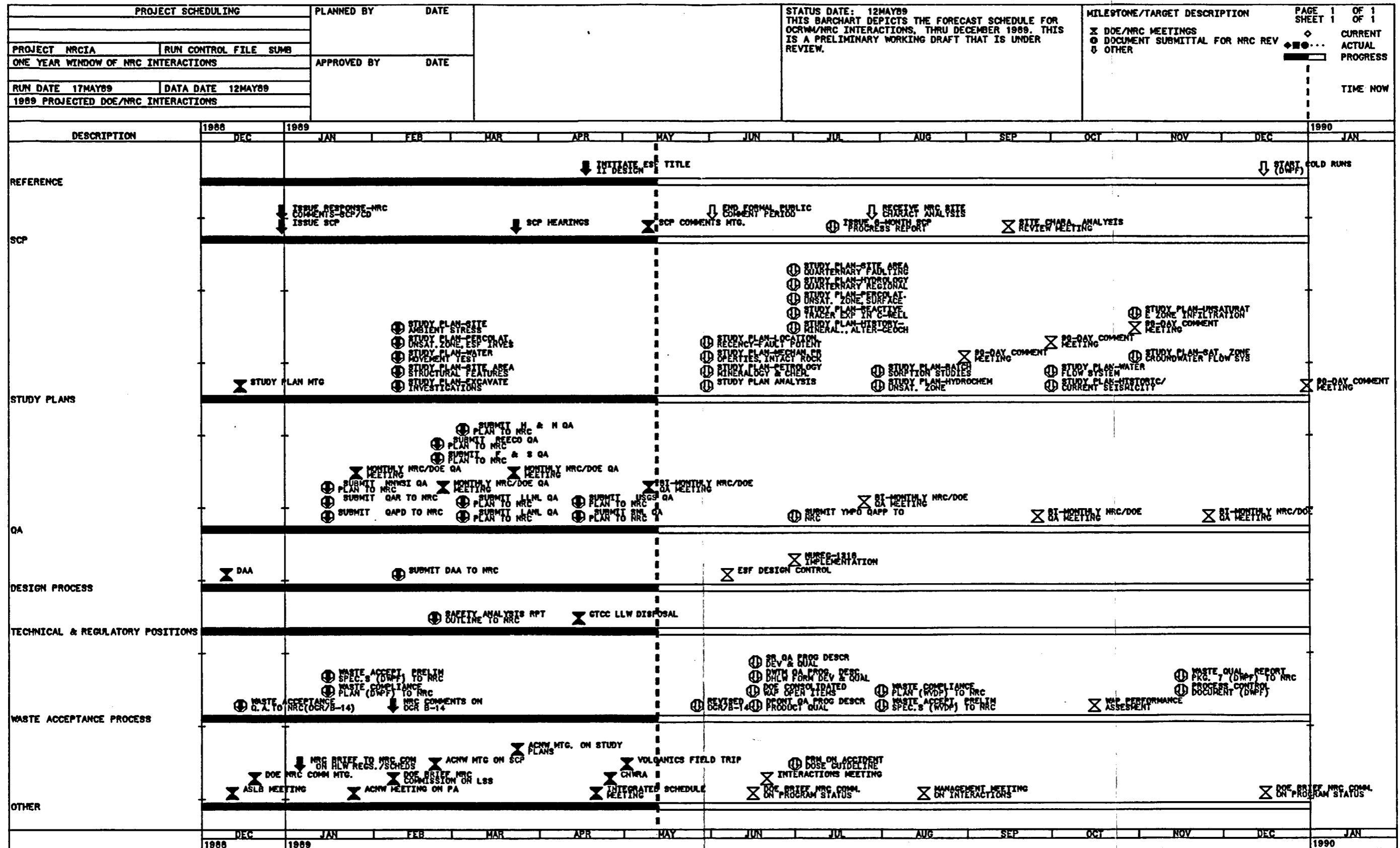
- Based on information provided at the meeting, concerning NRC's ability to support the Waste Acceptance Process, all meetings except for "WAP Performance Assessment" were removed from the schedule, and the milestones for receipt of NRC comments on DWPF WAPS/WCP and WVDP WAPS/WCP were deleted.
- The submittal of "DOE Consolidated WAP Open Items" document in mid-June has been added in lieu of a meeting on the same subject.
- The submittal date for a "Revised OGR/B-14" was changed to late May, 1989.
- The submittal of WVDP Waste Compliance Plan and Waste Acceptance Preliminary Specifications was changed to late July.
- At the meeting, NRC inquired about the effect of anticipated delays in the WVDP on the schedule for submittal of the WVDP documents. The scheduled late July 1989, submittal date for these documents is not inconsistent with current WVDP schedules for "Hot Startup" in mid-1995 and "Start of Cold Runs" 6-9 months earlier.
- The submittal of three DWPF Quality Assurance Program Description documents in mid June was added to the schedule.

### Other

- The meeting with CNWRA, held on April 25, 1989 was added to the schedule and is shown as completed.
- A meeting to further discuss interactions was added to the schedule for early June 1989.
- The two technical meetings on, "Faulting and Tectonics" and "Ground Motion Procedures", were removed from the schedule pending further action based on the results of our planned meeting to discuss future interactions.

**Enclosure 2**

**- A management meeting on the topic of interactions was scheduled for August 1989.**



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