

9/17/96 #2

 Environmental Restoration
University of California
Environmental Restoration Project, MS M992
Los Alamos, New Mexico 87545
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U. S. Department of Energy
Los Alamos Area Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
505-667-7203/FAX 505-665-4504

G/M/96

Date: September 13, 1996
Refer to: EM/ER:96-480

Mr. Benito Garcia
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: STATUS OF LOS ALAMOS NATIONAL LABORATORY ER PROJECT ECOLOGICAL RISK ASSESSMENT

Dear Mr. Garcia:

On August 6, 1996, we held a meeting with members of your staff as well as members of the Department of Energy Oversight Bureau staff. One of the action items resulting from this meeting was to update you and your staff on the status of our ecological risk (eco-risk) assessment program. This letter will meet the intent of that action item.

We had an internal status meeting last week to finalize the tasks and schedules for what remains to be accomplished, and how much money these tasks will take in the upcoming Fiscal Year (FY) 1997 baseline. Enclosure A is a list of 18 eco-risk assessment tasks that will be completed in FY97. Enclosure B is the schedule we will follow in completing these tasks.

As discussed in the August 6, 1996, meeting, your staff is in agreement with these tasks and would like to be kept informed of the status at various points as the tasks are completed. As can be seen on Enclosure B, we have indicated milestones where we would like to involve your staff on the various completed tasks. We would also like to suggest that we include eco-risk as a standard agenda item at our monthly joint ER/Waste Management meetings with your staff. To start and continue this process, during the meeting on September 19, 1996, we would like to discuss the current status and this process; discuss the list of contaminants of potential ecological concern during the October meeting; and discuss the ecological exposure units and evaluation of potential release sites for acute or chronic exposure, during the November meeting. As the tasks are completed, we will provide material to you and your staff prior to the meeting.



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Mr. Benito Garcia
EMER:96-480

-2-

September 13, 1996

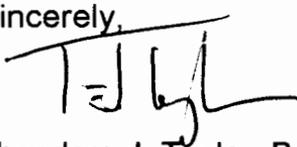
We hope this meets with your needs for involvement in this very important activity. Please call either one of us with comments or suggestions on this process. We look forward to meeting with you and/or your staff starting on September 19, 1996.

Sincerely,



Jorg Jansen, Program Manager
LANL/ER Project

Sincerely,



Theodore J. Taylor, Program Manager
DOE/LAAO

JJ/TT/bp

Enclosures: (A) List of 18 Eco-Risk Assessment Tasks
(B) Schedule for Completion of Eco-Risk Tasks

Cy (w/ encs.):

T. Glatzmaier, DDEES/ER, MS M992
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J. Harry, EES-5, MS M992
B. Hoditschek, NMED-HRMB
M. Leavitt, NMED-GWQB
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N. Naraine, DOE-HQ, EM-453
D. Neleigh, EPA, R.6, 6PD-N (2 copies)
J. Piatt, NMED-SWQB
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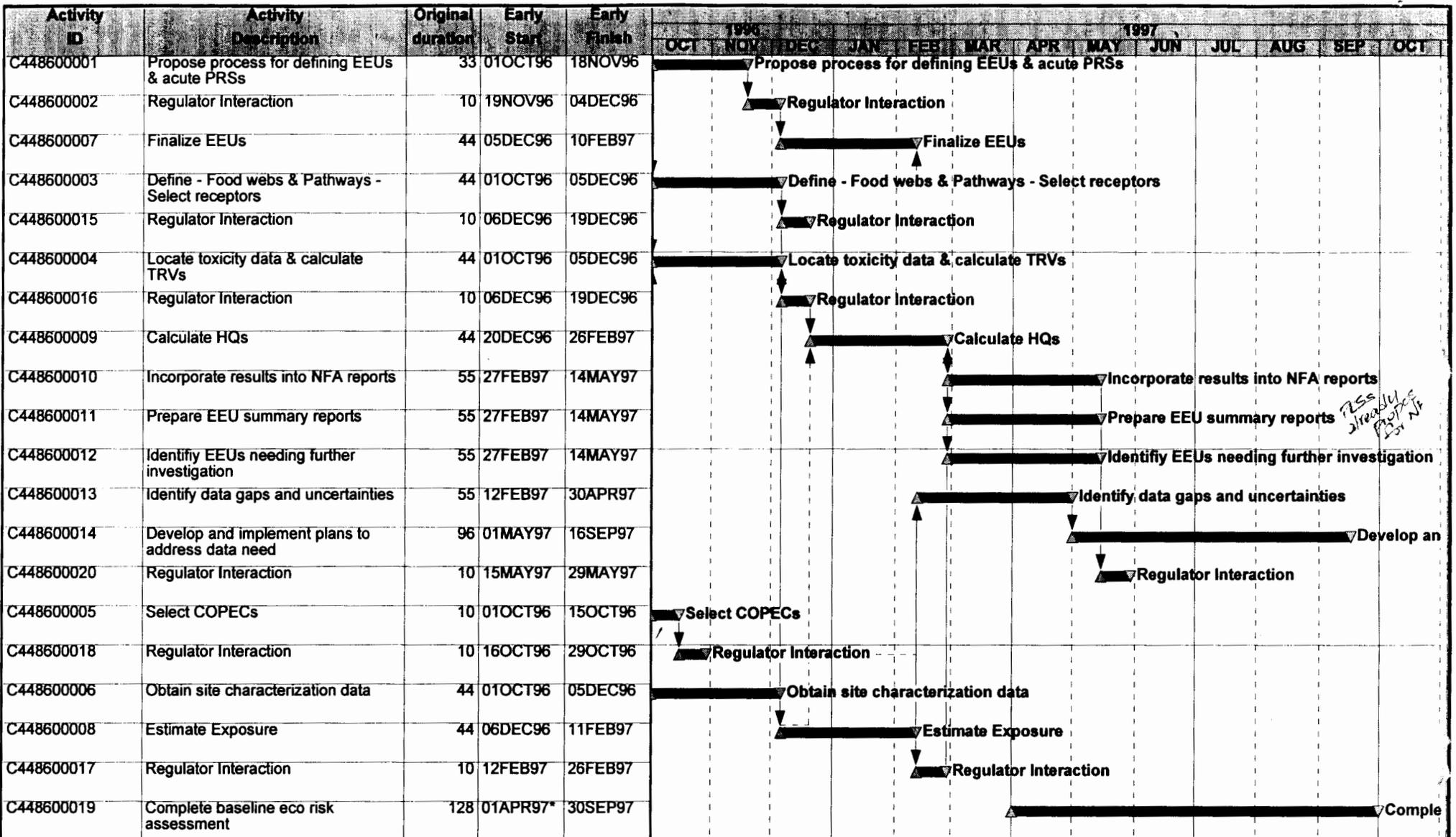
ECOLOGICAL RISK ASSESSMENT TASKS

Screening Assessment

1. Delineate Ecological Exposure Units.
2. Develop preliminary list of COPECs.
3. Define food webs.
4. Define pathways of exposure.
5. Select receptors.
6. Locate appropriate toxicological data.
7. Calculate Toxicity Reference Values (TRVs).
8. Evaluate PRSs for acute or chronic exposure.
9. Obtain site characterization data.
10. Calculate exposure or dose.
11. Calculate Hazard Quotients (HQs)
12. Identify EEUs where further assessment is required.
13. Prepare EEU summary reports
14. Incorporate results into NFA reports.

Baseline Assessment

15. Identify data gaps and uncertainties.
16. Develop and implement plans to address data gaps and uncertainties.
17. Perform baseline ecological risk assessments.
18. Prepare EEU summary reports.



75% already prepared for NFA

Row	Group Name	115535	87177	70371	110284	86126	88227	138642	97680	87177	92428	88227	67220	
1	Total	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT

Project Start 02OCT95 Early Bar
 Project Finish 30SEP97 Progress Bar
 Data Date 01OCT96 Critical Activity
 Plot Date 18SEP96