



WM DOCKET CONTROL CENTER

BROOKHAVEN NATIONAL LABORATORY

ASSOCIATED UNIVERSITIES, INC.

'84 MAR -5 P4:45

Upton, Long Island, New York 11973

(516) 282-4094  
FTS 666

Department of Nuclear Energy

March 1, 1984

Mr. Everett A. Wick  
High Level Waste Licensing Management Branch  
Division of Waste Management  
Mail Stop 965 SS  
U. S. Nuclear Regulatory Commission  
Washington, D. C., 20555

WM Record File  
A-3164

WM Project 10, 11, 16

Docket No. \_\_\_\_\_

PDR   
LPDR  (U.S.)

Distribution:

<input checked="" type="checkbox"/> EWICK	_____
(Return to WM, 623-SS)	_____ C2

Dear Mr. Wick:

Clarification of BNL Effort on Review of Environmental Analysis Reports

I have reviewed the comments in your February 13, 1984 letter which responds to the BNL plans and schedules for the subject effort which were outlined in my February 2, 1984 letter to Dr. Tokar. The attached Milestone Chart reflects the changes that you suggested.

With respect to the manpower levels anticipated for the BNL work, I firmly believe that it will take 4-5 people working essentially full-time. The work that has been carried out in FINS A-3158, A-3164 and A-3167 cannot be readily transferred to the ongoing effort for the following reasons:

- (a) We intend to use a standardized form for reviewing and evaluating for relevance each DOE-sponsored report. This format for review is quite different from the more generic type of review which was carried out in FINS A-3158, A-3164 and A-3167.
- (b) In many cases, staff who worked on FINS A-3158, A-3164 and A-3167 have left the group so that current staff will be required to re-evaluate DOE reports according to the new format described in (a), above.
- (c) We expect that several hundred reports will need to be very thoroughly assessed for relevance and in the 3-4 weeks needed to complete Subtasks A and B described in the attached Milestone Chart. In fact, I believe that 4-5 staff members will still only be capable of reviewing the most pertinent reports, so that we will only be able to give our best effort in these two Subtasks.

8409120051 840301  
PDR WMRES EXIBNL  
A-3164 PDR

Mr. Everett A. Wick  
March 1, 1984  
Page 2.

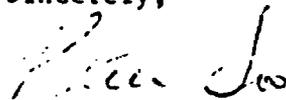
- (d) In our work on FINS A-3164 and A-3167 biannual reports we have, as you know, addressed the various host rocks and waste package components sequentially. Thus, topics such as borosilicate glass and TiCode-12 corrosion were reviewed 1-2 years ago. Much additional data is, therefore, available for first-time review and is not included in past BNL reports.

In summary, I feel that the 4-5 staff effort is realistic. Anything below this level of effort will compromise the completeness of our work. Output from the EA effort will also be readily transferable to ongoing FINS A-3164 and A-3167 efforts, especially since the reviews of DOE work as summarized in our standard review forms will be ideal for computer storage and retrieval.

With respect to slippage in the milestones for the FINS A-3164 and A-3167, I did not mean to construe that milestones will be slipped. We intend to deliver biannual reports according to the schedules given in the SOW's. However, the advent of the major effort on EA evaluation will necessarily lead to a smaller biannual report.

Please call me if you have any questions regarding this letter.

Sincerely,



Peter Soo, Associate Division Head  
Nuclear Waste Management Division

PS:gfs

Enclosure (Schedule)

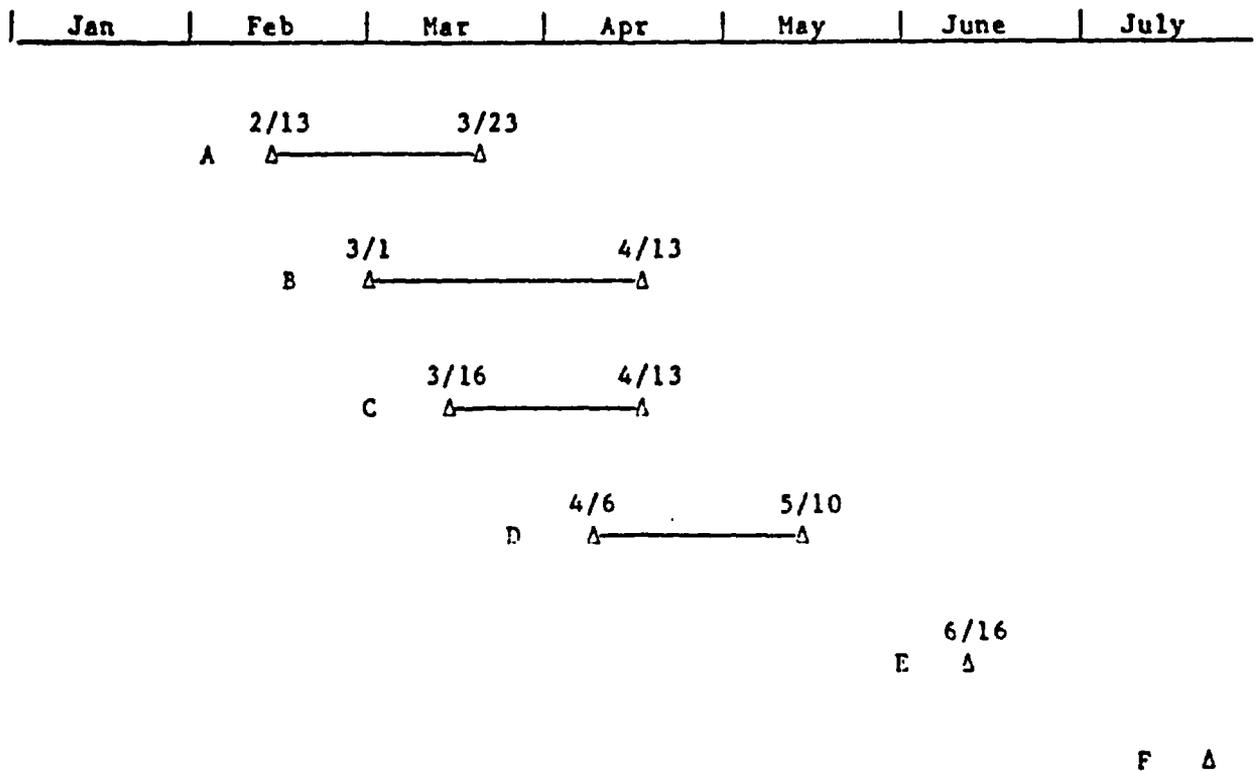
cc: M. S. Davis  
W. Y. Kato  
H. J. C. Kouts  
D. G. Schweitzer  
HLW Staff

NRC:

J. Greeves  
T. Jungling  
M. Tokar  
Docket Control Center

Mr. Everett A. Wick  
March 1, 1984  
Page 3.

SCHEDULE  
FOR BNL PRE-REVIEW OF WORK ON DOE ENVIRONMENTAL ASSESSMENT REPORTS:



- A. Compile list of known reports, data and assumptions pertinent to performance of W.P. in the three host rocks.
- B. Identify, using data list, those issues with respect to W.P. and site which will determine suitability of a site for further evaluation. NRC has given us a Review Plan for EA's to help outline the recommended review approach. Type report.
- C. Using A and B specify data sufficiency and what additional data are needed from DOE to help the NRC's review of EA reports. Type report.
- D. Assess the accuracy, reliability and applicability of DOE-sponsored reports, journal articles and technical papers.
- E. Complete Draft Report summarizing BNL assessment of DOE data to be used in EA reports.
- F. Expected release date for EA's.