

MEMORANDUM TO: Barbara D. Meehan,  
 Contracting Officer  
 Contract Management Branch No. 2  
 Division of Contracts and Property  
 Management, ADM

July 15, 1999

THRU: Deborah A. DeMarco  
 NRC CNWRA Deputy Program Manager  
 Program Management, Policy Development  
 And Analysis Staff, NMSS

FROM: Philip S. Justus, Program Element Manager  
 Geosciences Section  
 High Level Waste and Performance  
 Assessment Branch

SUBJECT: Division of Waste Management, NMSS  
 REQUEST FOR EXTENSION OF DELIVERABLE: CENTER INPUT TO  
 STRUCTURAL DEFORMATION AND SEISMICITY ISSUE  
 RESOLUTION STATUS REPORT, REVISION 2, MAJOR MILESTONE  
 1402-471-910

This is a request for an extension of the due date from July 16, 1999, to August 9, 1999, for the major milestone "Input to Structural Deformation and Seismicity (SDS) Issue Resolution Status Report (IRSR), Revision 2" (1402-471-910, Operations Plan FY99, Rev.13).

The additional time is needed to ensure that the results of the following investigations are incorporated into the IRSR revision: (1) sensitivity studies of waste package breaches due to direct impingement of faults - computer simulations; (2) widths of damage-zones adjacent to faults at repository depths - field and lab studies; (3) evaluation and development of alternative conceptual models of fracture systems - field measurements; and (4) verification of buried structures in the vicinity of Carrara fault - ground-based geophysical surveys. However, these results were identified in Revision 1 of the IRSR as significant for subissue resolution. Further, the additional time we are requesting will allow revision of the format of the IRSR, especially regarding Acceptance Criteria and Review Methods, and terminology of Integrated Subissues, to that of the Yucca Mountain Review Plan.

The Program Element Manager, Philip Justus, was at the CNWRA for two weeks just prior to the date the CNWRA "Input" was to be completed, and agrees with this request. The programmatic effects were considered, and while the deliverable will be delayed, the staff expects that the due date for final document will not be delayed. Larry McKague, Element Manager for SDS, and Budhi Sagar, have agreed to this request.

CONTACT: Philip S. Justus, NMSS/DWM/HLWB  
 (301) 415-6745

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