

June 26, 2003

MEMORANDUM TO: William D. Travers
Executive Director for Operations

FROM: Annette L. Vietti-Cook, Secretary **/RA/**

SUBJECT: STAFF REQUIREMENTS - COMSECY-03-0014 - PUBLIC
RELEASE OF THE YUCCA MOUNTAIN REVIEW PLAN,
NUREG-1804, FINAL REVISION 2

The Commission has approved the staff's recommendations to: 1) post NUREG-1804, Final Version 2 on the NRC public web site; 2) publish the Yucca Mountain Review Plan (YMRP) as NUREG-1804, Final Version 2; 3) issue a Federal Register notice of the document availability and the public comments and responses; and 4) issue a press release announcing the YMRP's availability on the web site.

In implementing the YMRP, the staff will need to be diligent in ensuring that the scope of the review of a particular aspect of the license application is commensurate with its risk significance.

Prior to publication, the attached changes should be incorporated in the YMRP.

Attachment: Changes to the YMRP in COMSECY-03-0014

cc: Chairman Diaz
Commissioner Dicus
Commissioner McGaffigan
Commissioner Merrifield
OGC
CFO
OCA
OIG
OPA

Changes to the YMRP in COMSECY-03-0014

1. In the abstract to the Yucca Mountain Review Plan (page iii), there is a sentence which reads “The President has notified Congress that he considers Yucca Mountain qualified as a site for construction of a geologic repository.” This sentence does not accurately represent the President’s certification and should be appropriately modified.
2. On page 1-4, paragraph 1 (under Review Method 3) needs to be stated more clearly.
3. On page 2.1-6, revise the title under Review Method 9 to read ‘Land Use, Structures and ...’
4. On page 2.1-44, insert a line space after paragraph (d).
5. On page 2.1-91, paragraph 2.1.3.3, line 2, replace “(c)(16)(vi)” with “(c)(22)(vi)”.
6. On page 2.2-60, the provision in the 3rd full paragraph (Verify that the ... neglected correlations.) should be included in all abstractions.
7. On page 2.2-73, paragraph 2.2.1.3.7, revise lines 1 through 3 to read ‘ ... abstraction, **consider the degree to which** ~~evaluate the adequacy of the U.S. Department of Energy license application, relative to the degree to which the U.S. Department of Energy relies on radionuclide transport through the unsaturated zone, to demonstrate~~ **compliance** ~~its license application.~~ Make similar changes to other abstractions.
8. On page 2.2-116, delete the 2nd indented paragraph (1) (The reasonably maximally exposed ... CFR 63.31(a)-(e).)
9. On page 2.2-124, delete the indented paragraph (1) (The reasonably maximally exposed ... CFR 63.312(a) and (b).)
10. On page A-4, last paragraph, revise line 3 to read ‘ ... licensee is not required **to** present a’
11. On page A-7, next to last paragraph, line 7, correct the syntax.
12. On page A-9, last paragraph, line 4, delete “docketing”.
13. On page A-15, in the box on the right side of the page labeled “DOSE 1”, replace “Representative Volume” with “Concentration of Radionuclides in Ground Water”.
14. In the response to public comments (attachment 2 of the COMSECY), starting at the top of page 4 there are two sentences which read “Areas requiring detailed, NRC staff independent analysis are determined by NRC staff needs to confirm analysis in order to make a reasonable assurance or reasonable expectation determination. Specifically, whether waste can be received and possessed and reviewed to the level necessary to ensure that the facility can be operated safely.” These two sentences are confusing and

can be interpreted in several ways. The sentences should be appropriately revised to more clearly reflect the staff intent.

15. In the response to public comments (attachment 2 of the COMSECY), page 80, paragraph 2, lines 5 and 7, delete “interim”.