

MAR 30 1988

MEMO FOR BJV

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MEMORANDUM FOR: B. Joe Youngblood, Chief
Operations Branch, HLWM

FROM: Ronald L. Ballard, Chief
Technical Review Branch, HLWM

SUBJECT: ADDITIONAL CDSCP REVIEW WORK TO FINALIZE DRAFT POINT
PAPERS BY APRIL 22

Per your request of March 8 memo on the same subject, the previously submitted HLTR resource estimates for finalizing the draft point papers have now been revised to reflect the revised schedule documented in your March 18 memo on the same subject. The attached marked-up tables provide HLTR's revised resource estimates.

Please note that preparation and participation time for the NRC-DOE workshop on draft point papers is a completed item. Also note that the outcome of the workshop during the week of April 11 may affect our ability to finalize the draft point papers by April 22, the completion date proposed in your March 18 memo. Yet another activity that could affect the overall schedule is the time that should be provided for coordination and concurrence on the final package, including cover letter and introduction.

In order to meet the April 22 deadline, review of certain key references (e.g., the Conceptual Design Report and the scenario reports by Ross) must be deferred. However, we believe that the final package should still constitute a reasonable selective review effort of the CDSCP.

If you have any questions on any of the attached marked-up tables, please have your staff contact the appropriate section leader directly.



Ronald L. Ballard, Chief
Technical Review Branch, HLWM

Attachment:
As stated

8804070167 880330
PDR WASTE
WM-11 DCD

*Delete all
list except PDR,
LPR, CC, CW, WA, & MISS*
NH18
WM-11
102 1/1

MAR 30 1988

MEMO FOR BJV

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OFFICIAL CONCURRENCE AND DISTRIBUTION RECORD

MEMORANDUM FOR: B. Joe Youngblood, Chief
Operations Branch, HLWM

FROM: Ronald L. Ballard, Chief
Technical Review Branch, HLWM

SUBJECT: ADDITIONAL CDSCP REVIEW WORK TO FINALIZE DRAFT POINT
PAPERS BY APRIL 22

DATE: MARCH 29, 1988

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DBrooks, HLTR	MNataraja, HLTR	HLTR r/f

CONCURRENCES

ORGANIZATION/CONCUREE	INITIALS	DATE CONCURRED
HLTR/MNataraja/cj	<i>Raj</i>	88/03/29
HLTR/PJustus	<i>PJ</i>	88/03/29
HLTR/RWeller	<i>Raj/kw</i>	88/03/29
HLTR/DChery	<i>DChery</i>	88/03/29
HLTR/DBrooks	<i>DB</i>	88/03/29
HLTR/RLBallard	<i>RLB</i>	88/03/29

CDSCP ADDTIME

GEOLOGY/GEOPHYSICS SECTION - ADDITION^{AL} REVIEW TIME TO COMPLETE CDSCP REVIEW By APRIL 22

<u>Review</u>	<u>Estimate (Staff days)</u>
1. Lead responsibilities	15
2. Input responsibilities	5
3. Key references: · Conceptual Design Report · Ross (2 reports) · Fernandez · Rogers and others · Szymanski report	60 TBD
4. Prepare/participate in DOE/NRC Workshops (incl. 15 days GSA:AH: Conceptual Models)	25 55
5. Review/prepare final point paper	25 20
6. IQA final point paper - authors	5
7. Section Leader review [supervision/mgt] IQA	TBD 6
Total	145 106

8. No additional TA contractor support required

rev. [Signature] 3/11/88
[Signature] 3/29/88

DRAFT CHERY 3/11

3/11/88

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NOTE TO: Mysore Nataraja, Geotechnical Eng.
FROM: D.L. Chery, Hydrology
SUBJECT: STAFF DAY ESTIMATES FOR COMPILATION OF CDSCP

As requested in Memo from Yunchlood (3/8/88), the Hydrology Section estimate of additional time needed for Section staff to complete work on the CDSCP is:

<u>Tasks</u>	<u>Estimated Staff Days</u>	
	March 21	April 12
1. Workshop preparation	4(0.2)	2(1) = 2.8
2. Workshop participation	2	8 = 10
3. Comment Revision		= 4
		16.8
4. IQA and Contingency		3.2
		Total = 20.0

Use same values for revised schedule!

D.L. Chery, Hydrology

[Signature]
3/28/88

cc: W. Ford
J. Pohle
F. Ross

March 11, 1988

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GEOCHEMISTRY SECTION - WORK/ACTIVITY/STAFF DAYS NEEDED TO
FINALIZE CDSCP DRAFT COMMENTS

<u>WORK/ACTIVITY</u>	<u>STAFF DAYS</u>	<u>STATUS</u>
(1) Follow-up CDSCP Analysis o Lead/Input assignments	10 Days	33% ^{60%} Complete
(2) Review Key References o Fernandez (1987) o Ross (1987) o Others	15 ¹⁰ Days	25% ^{70%} Complete
(3) Participate in Workshops o Comment Clarification Workshop o Alt. Concept. Mod. Workshop	12 ¹⁰ Days	Not Started ^{48% Complete} Complete Not started
(4) Prepare Final Point Papers	5 ⁴ Days	Not Started ^{25% Complete}
(5) IQA Final Point Papers	3 Days	Not Started

* Changes made to accommodate
shortening of CDSCP review
schedule by OB (See Youngblood
memo date 18 March 89).

DD 28 March 89

ADDITIONAL REVIEW WORK NEEDED TO COMPLETE
CDSCP REVIEW IN GEOTECHNICAL ENGINEERING AREA

<u>REVIEW WORK</u>	<u>STAFF DAY ESTIMATE</u>
1. RESPONSIBILITY 1 OF CDSCP	10
Section 8.3.1.13 Offsite Inst/Ops Program Section 8.3.1.14 Overview Surf. Charact. Section 8.3.5.7 HLW findings	
2. RESPONSIBILITY 2 OF CDSCP	20
Too many sections to provide an exhaustive list.	
Examples:	
Section 8.1 Rationale	
Section 8.2 Issue Res/Info Req.	
Section 8.3.1.2.2 Unsaturated Zone Investigations	
Section 8.3.1.4.2 Issue Resolution 1.10: Emplacement Borehole Design Related Issues	
Section 8.3.5 Performance Assessment	
3. Chapters 2 & 6 of the CDSCP	20
4. Conceptual Design Reports: 6 Volumes	20
5. Key References (Performance Analysis)	30
(a) Case & Kelsall	
(b) Fernandez et al	
(c) SAND85-0598	
6. IQA for final point papers	10
7. Prepare and participate in workshops	10 → Complete
	120
8. Selected references review as needed to finalize draft point papers	10
9. Revise point papers based on DOE's comments and I&A Committee findings	10
	<u>90</u>

will be postponed until after the CDSCP review

Materials Engineering Section
Additional CDSCP Review Work

Description	Staff days
1. Review CDSCP references	15
2. Review Sections of CDSCP other than those directly related to the waste package and EBS	5
3. Participate in DOE workshops	3
4. Final point paper preparation	15
5. IQA review	3
Total =	41 Staff days

no change