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Mr. J. J. Linehan, Section Leader
Repository Projects Branch
Division of Waste Management
U. S. Nuclear Regulatory Commission
Washington, DC 20555

WM Record File

101.5

WM Project 10

Docket No. _____

PDR ☒

LPDR ☒

Distribution:

Linehan J. J. Hildenbrand

(Return to WM, 623-SS)

Dear Mr. Linehan:

NUCLEAR REGULATORY COMMISSION (NRC) LETTER DATED JANUARY 14, 1986, FROM
W. J. MILLER TO RALPH STEIN (REQUEST FOR REFERENCES FOR THE FINAL
ENVIRONMENTAL ASSESSMENT (EA))

This letter is in response to the above NRC request for an early insight to the questions regarding the EA reference material. Information regarding additions since the draft was issued, and availability of both microfiche and hard copy, have been discussed with Mr. Paul Hildenbrand, NRC-BWIP Project Manager and are herein confirmed.

1. Two copies of the listing of references which denotes new or added reference material by an asterisk.
2. Two copies of the microfiche references - some 417 references to date are enclosed. Twenty seven (27) are still to be reproduced. A separate listing of the 27 is also enclosed. They will be forwarded to the NRC as soon as they are available.
3. We have initiated work on duplicating a hard copy per your request, but will not be completed with the task until approximately the end of May 1986. If the NRC could identify to our office select special needs, we could provide them, if not too extensive, in an earlier time frame.

We believe we have provided to date, what the project office has committed to us, and we will be glad to respond to any questions you may have regarding the material availability and its reproduction. Questions regarding this material and its duplication and availability should be directed to Mr. A. J. Bell of my staff on (FTS 444-1821).

Very truly yours,

O. L. Olson, Director
Basalt Waste Isolation Division

BWI:JEM

Enclosures

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PDR WASTE
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START

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OUTGOING LTR. NO.

29868.R1

INCOMING LTR. NO.

ACTION

REPLY DUE

Rockwell Hanford Operations
P.O. Box 800
Richland, WA 99352Rockwell
Hanford
Operations

March 3, 1986

In reply, refer to letter 29868.R1

Mr. O. L. Olson, Director
Basalt Waste Isolation Division
Department of Energy
Richland Operations Office
Richland, Washington 99352

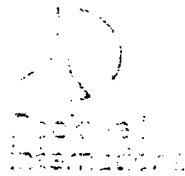
Dear Mr. Olson:

EARLY RELEASE OF FINAL ENVIRONMENTAL ASSESSMENT
REFERENCES TO THE NUCLEAR REGULATORY COMMISSION
(Contract DE-AC06-77RL01030)Ref: Letter, February 11, 1986, J. E. Mecca to P. G. Lorenzini,
"Request for References for the Final Environmental Assessments,
Nuclear Regulatory Commission, Washington, D. C. to Department of
Energy-Headquarters, dated January 14, 1986"As noted in the referenced letter, the Nuclear Regulatory Commission (NRC)
is interested in receiving (1) a listing of new references used in the
final Environmental Assessment (EA), (2) one microfiche copy of new
references, and (3) one hard copy of new references. The status of each
of these requests are discussed below.Listing of New ReferencesEnclosure 1 of this letter provides a preliminary index of all materials
referenced in the final EA. The new references can be identified by the
microfiche number (MF XXXX) in the right-hand column of the index. This
index meets the first request of the NRC and can be submitted by the
Department of Energy (DOE) immediately.Microfiche Copy of New ReferencesBased on previous discussions with your office, approximately 100
microfiche sets of the new references used in the final EA are being
produced. To date, 417 of the 444 new references used in Chapters 2
through 6 and appropriate sections of the Comment Response Document of the
final EA have been microfiched. (New references that have not been
microfiched are noted in Enclosure II.) A concern with the early release
of these microfiched references is that permission from all of the 152
publishers or authors holding copyrights on these references have not been
returned to Rockwell Hanford Operations (Rockwell). These microfiched
references could be provided to the NRC immediately, provided written
authorization from the DOE contracting officer is provided to Rockwell.
This authorization is required under Article 64(c)(2) of the Rockwell
contract. (References for Chapters 1, 7, and other Department of Energy-
Headquarters [DOE-HQ] portions of the final EA would be DOE-HQ
responsibility).

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Hard Copy of New References

As you are aware, all efforts related to production of copies of new EA references have been focused on producing microfiche copies. No requests have been made by the Department of Energy-Richland Operations Office (DOE-RL) to produce any hard copies due to the increased expense and time involved in making reproduced copies. Currently, the only set of new EA references that exists in hard copy format is being maintained as an archive set by the Licensing Department. It does not appear prudent to provide this hard copy to the NRC.

Nearly 30,000 pages of hard copy comprise the total set of new EA references. To reproduce a new set of these references is estimated to cost approximately \$7,500 and would take about two months to complete. This would not be responsive to the NRC's need for early information and would require a change request to implement this new scope of work. Also, a precedent would be set that would require the DOE to honor similar requests from other interested parties. Rockwell recommends that DOE notify the NRC that it will not be possible to provide a hard copy of new references used in the final EA. This approach is fully consistent with the DOE program used for draft EA references.

Other concerns that make it prohibitive to provide a hard copy of new references include:

- o A number of oversize charts and maps are contained in the new EA references. While these items were able to be microfiched using special equipment, the production of hard copies would be prohibitively difficult and time consuming.
- o The content of the copyright permission letter sent to authors and publishers only requested permission to make microfiche copies. This letter was approved by DOE-RL legal counsel before being sent to authors and publishers. Making a hard copy of these references may constitute copyright infringement. Moreover, we have been advised by Rockwell legal counsel that Article 64(c)(2) of Rockwell's contract with DOE prohibits the delivery of copyrighted material to the government without first obtaining a license; or, if it is determined that a license cannot be obtained and the copyrighted material "must be included in the technical data delivered, rather than merely incorporated therein by reference," written authorization from the DOE contracting officer prior to including such material in the data to be delivered must be obtained.

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- o Copies of references for Chapter 7 and the other sections of the final EA prepared by DOE-HQ are not available.

Therefore, Rockwell recommends that Enclosures I and II be provided to the NRC as soon as possible. Microfiche copies of 417 new references could be provided immediately (if DOE-RL does not have copyright concerns). Unfortunately, it is not feasible to provide a hard copy of new EA references used in the final EA. If the NRC needs hard copies of specified pages of final EA references, the use of a microfiche reader/printer could solve this problem.

Very truly yours,



L. R. Fitch, Director
Basalt Waste Isolation Project

LRF/DJC/dgh

Enc.

cc: J. H. Anttonen - DOE-RL
K. W. Bracken - DOE-RL
P. E. Rasmussen - DOE-RL

FINAL EA REFERENCES WHICH HAVE NOT BEEN MICROFICED

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- B36 Carlson, R. A., 1986. Hydraulic Conductivity and Moisture Density Relationships of Candidate Packing Materials, SD-BWI-TI-203, Rockwell Hanford Operations, Richland, Washington. (CRD C.5) MF 1725
- B265 Clifton, P. M., 1986. Groundwater Travel Time Analysis for the Reference Repository Location at the Hanford Site, SD-BWI-TI-303, Rockwell Hanford Operations, Richland, Washington. (Ch. 6, CRD C.5) MF 1899
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- B281 Glantz, C. S., and J. V. Ramsdell, 1986. Preliminary Examination of the Impacts of BWIP Construction and Operations Activities on Non-Radiological Air Quality, PNL-5687, Pacific Northwest Laboratory for Rockwell Hanford Operations, Richland, Washington. (Ch. 4, 5) MF 1912
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- B100 Israelsen, O. W., and V. E. Hansen, 1962. Irrigation Principles and Practices, Third Ed., John Wiley and Sons, Inc., New York, New York, pp. 223-226. (Ch. 6, CRD C.5) MF 1777
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- B245 Rigby, J. G., K. L. Othberg, N. P. Campbell, L. Hanson, E. Kiver, D. Stradling, and G. Webster; 1979. Reconnaissance Surficial Geologic Mapping of the Late Cenozoic Sediments of the Columbia Basin, Washington, Open-File Report 79-3, State of Washington Department of Natural Resources, Division of Geology and Earth Resources, Olympia, Washington. (Ch. 2) MF 2425
- B354 Routson, R. C., W. H. Price, D. J. Brown, and K. R. Fecht, 1979. High Level Waste Leakage from the 241-T-106 Tank at Hanford, RHO-ST-14, Rockwell Hanford Operations, Richland, Washington. (Ch. 3) MF 1972
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- B250 Tabor, R. W., R. B. Waite, Jr., V. A. Frizell, Jr., D. A. Swanson, G. R. Byerly, and R. D. Bentley, 1982. Geologic Map of the Wenatchee 1:100,000 Quadrangle, Central Washington, Miscellaneous Investigations Series, Map 1-1311, U.S. Geological Survey, Washington, D.C. (Ch. 2) MF 2509
- B211 USGS (U.S. Geological Survey), 1982. Water Resources Data, Washington, Water Year 1982, WA-82, 2 Vols., Washington, D.C. (CRD C.4) MF 1625

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- B7 Ames, L. L., and J. E. McGarrah, 1980a. Investigation of Basalt-Radionuclide Distribution Coefficients: Fiscal Year 1980 Annual Report, RHO-BWI-C-108, PNL-3462, Pacific Northwest Laboratory for Rockwell Hanford Operations, Richland, Washington. (Ch. 6, CRD C.5) * 1
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- C2 American Indian Religious Freedom Act. 42 USC 1996.
- C3 Archaeological Resource Preservation Act. 16 USC 470.
- C4 Bald and Golden Eagle Protection Act. 16 USC 668-668d.
- C5 Clean Air Act. 42 USC 7401. (NOTE: See alphabetical listing of
(B370) final EA references to locate a microfiche copy of this document.)
- C6 Clean Water Act of 1972. Federal Water Pollution Control Act,
33 USC 1251.
- C7 Coastal Barrier Resources Act. 16 USC 3501-3510.
- C8 Comprehensive Environmental Response, Compensation, and Liability
Act of 1980. 42 USC 9601-9657.
- C9 U.S. Department of Transportation Acts. 23 USC 136 and 49 USC 303.
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49 USC 1651.)
- C10 Endangered Species Act. 16 USC 1531. (NOTE: See alphabetical
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- C11 Farmland Protection Policy Act. 7 USC 4201-4209. (NOTE: See
(B335) alphabetical listing of final EA references to locate a microfiche
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- C15 Fish and Wildlife Coordination Act. 16 USC 661-666.
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- C21 Preservation of Historical Archaeological Data Threatened by Dam
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- C22 National Historic Preservation Act of 1966. As amended
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- C26 Ocean Dumping - Subchapter H. 40 CFR 220-228, U.S. Environmental Protection Agency.
- C27 Materials Act of 1979. 30 USC 601-604.
- C28 Free Use. 43 CFR 3620, Bureau of Land Management, U.S. Department of the Interior.
- C29 Migratory Bird Treaty Act. 16 USC 703-711.
- C30 List of Migratory Birds. 50 CFR 10.13, Fish and Wildlife Service, U.S. Department of Interior.
- C31 National Environmental Policy Act of 1969. 42 USC 4321-4361.
(214) (NOTE: See alphabetical listing of final EA references to locate a microfiche copy of this document.)
- C32 Purpose, Policy, and Mandate. 40 CFR 1500, Council on
(B328) Environmental Quality. (NOTE: See alphabetical listing of final EA references to locate a microfiche copy of this document. Reference is listed there as: Council on Environmental Quality, 1977.)
- C33 Nuclear Waste Policy Act of 1982. 42 USC 10101-10442. (NOTE: See
(239) alphabetical listing of final EA references to locate a microfiche copy of this document.)
- C34 National Forest Organic Legislation. 16 USC 475.
- C35 Multiple-Use Sustained-Yield Act. 16 USC 528-531.
- C36 Forest and Rangeland Renewable Resources Planning and Research Acts, National Forest Management Act, and Renewable Resource Extension Act. 16 USC 1600-1676.
- C37 Prohibitions. 36 CFR 261, Forest Service, U.S. Department of Agriculture.

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- C40 The National Wildlife Refuge System - Subchapter C. 50 CFR 25, 27, 28 and 29, Fish and Wildlife Service, U.S. Department of Interior.
- C41 Noise Control Act of 1972 and the Quiet Communities Act of 1978.
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