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WM Record File

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WM Project 10

Docket No.

PDR

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10/10/86

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PHIL'S MEMO

- 1 -

NOV 14 1986

MEMORANDUM FOR:

Philip S. Justus, Acting Chief
Geotechnical Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Encls. already in
PDR

FROM:

Harold E. Lefevre, Project Manager
Geology/Geophysics Section
Geotechnical Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

SUBJECT:

STATUS REPORT OF ACTIVITIES RESULTING FROM RECEIPT OF
INFORMATION FROM THE BUREAU OF LAND MANAGEMENT AND THE COUNCIL
OF ENERGY RESOURCE TRIBES

On October 14, 1986, documents were received from the Bureau of Land Management (BLM) and the Council of Energy Resource Tribes (CERT) having potential impact on both the Reference Repository Location (RRL) and on the Washington Public Power Supply System's (WPPSS) commercial nuclear power facilities. These facilities are located on the Department of Energy's Hanford Site, Washington State.

The above documents are described briefly below and relate to (1) mineral leasing within the Hanford Site (see BLM letter and map, Attachment 1 and 1A, respectively) and, (2) a geologic cross-section prepared by Curtis Canard of CERT extending through and beyond the RRL (see map, Attachment 2). Attachment 3 consists of telephone conversations, of a clarifying and information-conveying nature, with the authors of the above documents (George Brown of BLM and Curtis Canard of CERT) as well as with William Kiel of WPPSS and Phyllis Sobel of NRR.

DESCRIPTION OF ATTACHMENTS

Following is a brief, general summary of information contained in Attachments 1 through 3:

- (1) Attachments 1 and 1A - Consists of a BLM letter (Attachment 1) and a portion of a large figure (Attachment 1A) from George Brown, District Geologist, Spokane District, Bureau of Land Management. The letter describes action required of BLM resulting from a DOE-initiated Federal Register notice of June 18, 1986 (see Attachment 1) that certain lands on the Hanford Site be opened, with DOE concurrence, to

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mineral leasing. Two such identified parcels of land (see Attachment 1A), one including the proposed location for the exploratory shaft, are located within the RRL. In addition, the WNP-1 and WNP-4 nuclear power units are located (see Attachment 1A) on another of the identified parcels. Operating reactor WNP-2 is located within approximately 2,000 feet of lands currently available, with BLM approval, for exploration and subsequent development of mineral resources (natural gas for example). It is my understanding (per conversation with the BLM's George Brown) that the Department of Energy has no authority, under current law, to either authorize or deny, for purposes of mineral leasing, access to lands identified in the above Federal Register notification.

- (2) Attachment 2 - Consists of photocopied portions of a large figure (diagrammatic cross section) showing Curtis Canard's geologic and structural interpretation of several petroleum industry geophysical logs in the vicinity of the BWIP site. Mr. Canard is a petroleum geologist with CERT, consultants to the Nez Perce Tribe and the Umatilla Indian Nation. The Nez Perce, Umatilla and Yakima Indian Nation have been designated by the Department of Energy as affected tribes with respect to the Basalt Waste Isolation Project at the Hanford Site.
- (3) Attachment 3 - Consists of seven conversation (telecon) records with representatives of four organizations including (1) NRR (Phyllis Sobel), (2) the Bureau of Reclamation (George Brown), (3) CERT (Curtis Canard), and (4) the Washington Public Power Supply System (William Kiel). These conversations, covering the period October 14 through October 17, 1986, along with the forementioned BLM and CERT documents, form the bases for this status report.

EFFECT OF THE BLM AND CERT DOCUMENTS:

In my view, the BLM documents, which address mineral leasing and the CERT (Curtis Canard) geologic cross-section suggesting faulting in the vicinity of the RRL, probably affect the DOE and the NRC (NMSS and NRR) as follows:

EFFECT OF THE BLM DOCUMENTS:

DOE - MODERATE. Comment: Other than responding to inquiries that will undoubtedly be generated as a result of DOE's request (Federal Register Notice, Attachment 1) that mineral leasing, with DOE's

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concurrence, be permitted within certain portions of the RRL, the impact of this requested action should be minimal. Since current law does not authorize DOE control of access to all lands (for mineral leasing purposes) within either the RRL or to all lands immediately adjacent to the RRL, the DOE will, of necessity, be required to respond to "control" queries until the law, as requested, is changed. Optimistically, BLM estimates that the Congressional and the Presidential concurrence required for the approval of DOE's request will take two years.

NRC (NMSS) - MINIMAL. Comment: NMSS should (1) maintain cognizance of the status of BLM's activities associated with mineral leasing at the Hanford Site and should (2) continue, through periodic communication with both BLM and the State of Washington, Division of Geology and Mineral Resources, keeping abreast of proposed hydrocarbon exploration in the near vicinity of the Hanford Site. As indicated in his letter, Mr. Brown of BLM will advise H. Lefevre of the status of the Bureau's activities.

NMSS will inform NRR of mineral leasing/petroleum exploration activities, that may come to our attention, having potential relevance to the Hanford Site commercial nuclear power facilities.

NRC (NRR) - MINIMAL TO MODERATE. Comment: NRR will, based upon information being provided through this memorandum, more than likely acquire additional information on its own and will take action as appropriate. NRR should feel free to contact H. Lefevre (427-4532) at NMSS for clarification/expansion of mineral leasing matters.

EFFECT OF CURTIS CANARD'S (CERT) INFORMATION:

DOE - SUBSTANTIAL. Comment: The suggestion of imbricate faulting at Rattlesnake Hills, as illustrated on the CERT cross-section, has been apparently substantiated at least indirectly, by the 1968 Battelle report (see Attachment 3, 16 October 1986, W. Kiel-H. Lefevre telephone conversation). The Battelle document, although presenting no direct faulting-related conclusions, does confirm C. Canard's suggestion of substantial coal measures, with thick sequences of intervening basalts, between approximate depths of 2,000 and 5,000 feet. The Battelle report suggests (based on fossil evidence) that the coal is of late Oligocene-early Miocene age (about 30 million years).

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(NOTE: Mr. Kiel has transmitted a copy of the Battelle report to NMSS. This report will be provided by NMSS to NRR and to others as necessary).

If this dual (CERT and Battelle) interpretation of imbricate faulting is confirmed, it is anticipated that the DOE's tectonic model of the RRL and vicinity would be revised accordingly.

If, as suggested by CERT's Mr. Canard, imbricate faulting underlies the recognized fault on the eastern flank of Rattlesnake Hills, the possibility would seem to exist that this faulting may extend into, or near, the RRL area. Since the Rattlesnake Hills fault has been determined "capable" in NRR's Safety Evaluation Report for the WPPSS's Unit 2 (NUREG-0892, Supplement No. 1, August, 1982), the association/non-association of the Rattlesnake Hills fault with those faults that may overlie or underlie this fault, should probably be addressed.

NRC (NMSS) - SUBSTANTIAL. Comment: Various actions, including those mentioned below, that should be initiated by NMSS include:

1. Acquisition and evaluation of the Battelle 1968 report.
2. Informing DOE of both the CERT and Battelle reports.
3. Providing copies of the above reports to the DOE.
4. Informing DOE of our initial impression on the significance of the documents.
5. Acquisition of:
 - a. Standard Oil of California well logs (geophysical and other logs, as appropriate).
 - b. Other gas exploration well logs in the Rattlesnake Hills area.
6. Evaluation of (1) the CERT and Battelle documents and (2) information derived from hydrocarbon wells in the Rattlesnake Hills area and elsewhere in the Columbia Basin. This evaluation includes attempting a regional correlation of stratigraphic units for which mutually-correlatable well data exists.

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7. Reevaluation of published structural models for the RRL (Reference Repository Location) in light of the CERT/Battelle interpretations.
8. After evaluation, informing DOE of our impression of the information.

NRC (NRR) - SIGNIFICANT. Comment: Dr. Phyllis Sobel of NRR was notified of (1) NMSS receipt of the above documents, (2) H. Lefevre's initial reaction to the possible relevance of the information to the three WPPSS nuclear power units on the Hanford Reservation and (3) that H. Lefevre has prepared a letter transmitting relevant portions of the BLM and CERT documents to W. Kiel of WPPSS. This letter will not address action/reaction of either NMSS or of NRR to the content of either of the above documents. (NOTE: H. Lefevre, a former NRR staff member, prepared the geologic portion of the Hanford Site's Skagit/Hanford Nuclear Project (NUREG-0309, Supplement No. 3, December, 1982).

NRR and NMSS should maintain frequent communication regarding their respective activities on this matter.

SUMMARY

My perceptions of the possible effects of the information conveyed by the BLM and CERT documents on the DOE and NRC (NMSS and NRR) are based upon definitive information in the case of the BLM mineral leasing activity and less definitive information in the case of the CERT geologic cross-section. A report, including mineral leasing, is being prepared by the BLM, and is currently not anticipated to be completed by BLM's Spokane, Washington District before September, 1987. This report will include information derived principally from BLM with considerable input, at times, contributed by the DOE. Inquiries will probably be made of NRC (both NMSS and NRR) on guidelines and requirements relating to the proposed BWIP site as well as to both operating and non-operating nuclear power units on the Hanford Site.

Interpretations presented on the CERT geologic cross section raise many questions, several of which have been mentioned above. In my mind, foremost among these is the need to define the nature of the geologic structure of the area south of the RRL. Definition of the BWIP area geologic structure is of interest to many organizations including both the DOE and the NRC. It remains to be seen which group will do what or when. I would suggest however that NMSS, as a part of its independent review, consider promptly initiating work related to the implied Rattlesnake Hills structure.

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PHIL'S MEMO

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I will keep you informed of further developments in these matters.

Harold E. Lefevre

Harold E. Lefevre, Project Manager
Geology/Geophysics Section
Geotechnical Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

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ATTACHMENT 1

IN REPLY REFER TO

United States Department of the Interior 3000

BUREAU OF LAND MANAGEMENT

SPOKANE DISTRICT OFFICE
East 4217 Main
Spokane, Washington 99202

OCT 02 1986

U.S. Nuclear Regulatory Commission
Attn: Harold LaFavre
Division of Waste Management
Washington, D.C. 20555

Dear Mr. LaFavre:

Based on our discussion on 9/18/86, I've put together some background information for you on the BLM's review of the withdrawals at the Hanford Reservation. As you recall, we discussed preparation of a mineral report for the site and geotechnical requirements for nuclear reactor siting in the vicinity of mineral developments.

One of the questions you asked was why the review was necessary. I've included a copy of the section of the Federal Land Policy and Management Act of October 21, 1976 (FLPMA) which describes the review requirements, and highlighted those portions that pertain most directly to the mineral report. Also included is a copy of the Federal Register notice describing the continuation of the withdrawals, and legal descriptions of the lands involved.

As I indicated before, the Federal Register notice proposes opening these lands to mineral leasing. One of the issues which must be addressed is the potential for interference between the surface and subsurface developments at the Hanford site and possible types of mineral development which might be feasible. The Department of Energy has supplied some maps of the major developments at the site. On the enclosed draft copy, I've plotted the lands involved and a composite of the various facilities. Obviously, these are not all the facilities, but they appear to initially be the most significant (ie., BWIP, NSTF, FFTF, active and inactive reactors, processing plants, and existing surface and subsurface waste disposal sites).

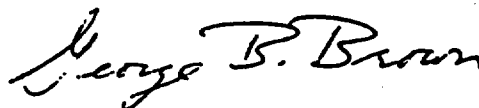
Powerlines and substations are also plotted, but these generally would not be considered as interference. Instead, they can indicate relative availability of power sources for mineral development.

In addition to the areas shown on the map, I'll be working with D.O.E. to obtain information of other areas of conflict with mineral exploration and development. Among these are reasonable requirements for buffer zones for site security, and locations of any areas of groundwater containing hazardous levels of contamination.

You may also be interested in looking over a new withdrawal at the Hanford site which is still being processed (plotted in green on the map). This involved some land which had been overlooked in past withdrawals. I've included copies of memos which describe the withdrawal. I understand that it is now in our Washington, D.C. office pending final approval.

I will keep you informed of progress on the report, and expect that I'll be consulting with you on NRC guidelines and requirements. If you have any questions, please call me at FTS 439-2570.

Sincerely,

A handwritten signature in cursive script that reads "George B. Brown".

George B. Brown
District Geologist

Encl.

upon and participate in the formulation of plans and programs relating to the management of the public lands.

SALES

43 USC 1713.

Sec. 203. (a) A tract of the public lands (except land in units of the National Wilderness Preservation System, National Wild and Scenic Rivers Systems, and National System of Trails) may be sold under this Act where, as a result of land use planning required under section 202 of this Act, the Secretary determines that the sale of such tract meets the following disposal criteria:

(1) such tract because of its location or other characteristics is difficult and uneconomic to manage as part of the public lands, and is not suitable for management by another Federal department or agency; or

(2) such tract was acquired for a specific purpose and the tract is no longer required for that or any other Federal purpose; or

(3) disposal of such tract will serve important public objectives, including but not limited to, expansion of communities and economic development, which cannot be achieved prudently or feasibly on land other than public land and which outweigh other public objectives and values, including, but not limited to, recreation and scenic values, which would be served by maintaining such tract in Federal ownership.

(b) Where the Secretary determines that land to be conveyed under clause (3) of subsection (a) of this section is of agricultural value and is desert in character, such land shall be conveyed either under the sale authority of this section or in accordance with other existing law.

Notice.

(c) Where a tract of the public lands in excess of two thousand five hundred acres has been designated for sale, such sale may be made only after the end of the ninety days (not counting days on which the House of Representatives or the Senate has adjourned for more than three consecutive days) beginning on the day the Secretary has submitted notice of such designation to the Senate and the House of Representatives, and then only if the Congress has not adopted a concurrent resolution stating that such House does not approve of such designation. If the committee to which a resolution has been referred during the said ninety day period, has not reported it at the end of thirty calendar days after its referral, it shall be in order to either discharge the committee from further consideration of such resolution or to discharge the committee from consideration of any other resolution with respect to the designation. A motion to discharge may be made only by an individual favoring the resolution, shall be highly privileged (except that it may not be made after the committee has reported such a resolution), and debate thereon shall be limited to not more than one hour, to be divided equally between those favoring and those opposing the resolution. An amendment to the motion shall not be in order, and it shall not be in order to move to reconsider the vote by which the motion was agreed to or disagreed to. If the motion to discharge is agreed to or disagreed to, the motion may not be made with respect to any other resolution with respect to the same designation. When the committee has reprinted, or has been discharged from further consideration of a resolution, it shall at any time thereafter be in order (even though a previous motion to the same effect has been disagreed to) to move to proceed to the

consideration of the resolution. The motion shall be highly privileged and shall not be debatable. An amendment to the motion shall not be in order, and it shall not be in order to move to reconsider the vote by which the motion was agreed to or disagreed to.

(d) Sales of public lands shall be made at a price not less than their fair market value as determined by the Secretary.

(e) The Secretary shall determine and establish the size of tracts of public lands to be sold on the basis of the land use capabilities and development requirements of the lands; and, where any such tract which is judged by the Secretary to be chiefly valuable for agriculture is sold, its size shall be no larger than necessary to support a family-sized farm.

(f) Sales of public lands under this section shall be conducted under competitive bidding procedures to be established by the Secretary. However, where the Secretary determines it necessary and proper in order (1) to assure equitable distribution among purchasers of lands, or (2) to recognize equitable considerations or public policies, including but not limited to, a preference to users, he may sell those lands with modified competitive bidding or without competitive bidding. In recognizing public policies, the Secretary shall give consideration to the following potential purchasers:

(1) the State in which the land is located;

(2) the local government entities in such State which are in the vicinity of the land;

(3) adjoining landowners;

(4) individuals; and

(5) any other person.

(g) The Secretary shall accept or reject, in writing, any offer to purchase made through competitive bidding at his invitation no later than thirty days after the receipt of such offer or, in the case of a tract in excess of two thousand five hundred acres, at the end of thirty days after the end of the ninety-day period provided in subsection (e) of this section, whichever is later, unless the offeror waives his right to a decision within such thirty-day period. Prior to the expiration of such periods the Secretary may refuse to accept any offer or may withdraw any land or interest in land from sale under this section when he determines that consummation of the sale would not be consistent with this Act or other applicable law.

WITHDRAWALS

43 USC 1714.

Sec. 204. (a) On and after the effective date of this Act the Secretary is authorized to make, modify, extend, or revoke withdrawals but only in accordance with the provisions and limitations of this section. The Secretary may delegate this withdrawal authority only to individuals in the Office of the Secretary who have been appointed by the President, by and with the advice and consent of the Senate.

(b) (1) Within thirty days of receipt of an application for withdrawal, and whenever he proposes a withdrawal on his own motion, the Secretary shall publish a notice in the Federal Register stating that the application has been submitted for filing or the proposal has been made and the extent to which the land is to be segregated while the application is being considered by the Secretary. Upon publication of such notice the land shall be segregated from the operation of the public land laws to the extent specified in the notice. The segregative effect of the application shall terminate upon (a) rejection of the application by the Secretary, (b) withdrawal of lands by the Secre-

Application.
Notice,
publication in
Federal Register.

tary, or (c) the expiration of two years from the date of the notice.

(2) The publication provisions of this subsection are not applicable to withdrawals under subsection (e) hereof.

Notification
to Congress.

(c) (1) On and after the dates of approval of this Act a withdrawal aggregating five thousand acres or more may be made (or such a withdrawal or any other withdrawal involving in the aggregate five thousand acres or more which terminates after such date of approval may be extended) for a period of not more than twenty years by the Secretary on his own motion or upon request by a department or agency head. The Secretary shall notify both Houses of Congress of such a withdrawal no later than its effective date and the withdrawal shall terminate and become ineffective at the end of ninety days (not counting days on which the Senate or the House of Representatives has adjourned for more than three consecutive days) beginning on the day notice of such withdrawal has been submitted to the Senate and the House of Representatives, if the Congress has adopted a concurrent resolution stating that such House does not approve the withdrawal. If the committee to which a resolution has been referred during the said ninety day period, has not reported it at the end of thirty calendar days after its referral, it shall be in order to either discharge the committee from further consideration of such resolution or to discharge the committee from consideration of any other resolution with respect to the Presidential recommendation. A motion to discharge may be made only by an individual favoring the resolution, shall be highly privileged (except that it may not be made after the committee has reported such a resolution), and debate thereon shall be limited to not more than one hour, to be divided equally between those favoring and those opposing the resolution. An amendment to the motion shall not be in order, and it shall not be in order to move to reconsider the vote by which the motion was agreed to or disagreed to. If the motion to discharge is agreed to or disagreed to, the motion may not be made with respect to any other resolution with respect to the same Presidential recommendation. When the committee has reprinted, or has been discharged from further consideration of a resolution, it shall at any time thereafter be in order (even though a previous motion to the same effect has been disagreed to) to move to proceed to the consideration of the resolution. The motion shall be highly privileged and shall not be debatable. An amendment to the motion shall not be in order, and it shall not be in order to move to reconsider the vote by which the motion was agreed to or disagreed to.

(2) With the notices required by subsection (c) (1) of this section and within three months after filing the notice under subsection (e) of this section, the Secretary shall furnish to the committees—

(1) a clear explanation of the proposed use of the land involved which led to the withdrawal;

(2) an inventory and evaluation of the current natural resource uses and values of the site and adjacent public and nonpublic land and how it appears they will be affected by the proposed use, including particularly aspects of use that might cause degradation of the environment, and also the economic impact of the change in use on individuals, local communities, and the Nation;

(3) an identification of present users of the land involved, and how they will be affected by the proposed use;

(4) an analysis of the manner in which existing and potential resource uses are incompatible with or in conflict with the proposed use, together with a statement of the provisions to be made for continuation or termination of existing uses, including an economic analysis of such continuation or termination;

(5) an analysis of the manner in which such lands will be used in relation to the specific requirements for the proposed use;

(6) a statement as to whether any suitable alternative sites are available (including cost estimates) for the proposed use or for uses such a withdrawal would displace;

(7) a statement of the consultation which has been or will be had with other Federal departments and agencies, with regional, State, and local government bodies, and with other appropriate individuals and groups;

(8) a statement indicating the effect of the proposed uses, if any, on State and local government interests and the regional economy;

(9) a statement of the expected length of time needed for the withdrawal;

(10) the time and place of hearings and of other public involvement concerning such withdrawal;

(11) the place where the records on the withdrawal can be examined by interested parties; and

(12) a report prepared by a qualified mining engineer, engineering geologist, or geologist which shall include but not be limited to information on: general geology, known mineral deposits, past and present mineral production, mining claims, mineral leases, evaluation of future mineral potential, present and potential market demands.

(d) A withdrawal aggregating less than five thousand acres may be made under this subsection by the Secretary on his own motion or upon request by a department or an agency head—

(1) for such period of time as he deems desirable for a resource use; or

(2) for a period of not more than twenty years for any other use, including but not limited to use for administrative sites, location of facilities, and other proprietary purposes; or

(3) for a period of not more than five years to preserve such tract for a specific use then under consideration by the Congress.

(e) When the Secretary determines, or when the Committee on Interior and Insular Affairs of either the House of Representatives or the Senate notifies the Secretary, that an emergency situation exists and that extraordinary measures must be taken to preserve values that would otherwise be lost, the Secretary notwithstanding the provisions of subsections (c) (1) and (d) of this section, shall immediately make a withdrawal and file notice of such emergency withdrawal with the Committees on Interior and Insular Affairs of the Senate and the House of Representatives. Such emergency withdrawal shall be effective when made but shall last only for a period not to exceed three years and may not be extended except under the provisions of subsection (c) (1) or (d), whichever is applicable, and (b) (1) of this section. The information required in subsection (c) (2) of this subsection shall be furnished the committees within three months after filing such notice.

(4) All withdrawals and extensions thereof, whether made prior to or after approval of this Act, having a specific period shall be reviewed by the Secretary toward the end of the withdrawal period and may be extended or further extended only upon compliance with the provisions of subsection (c) (1) or (d), whichever is applicable, and only if the Secretary determines that the purpose for which the withdrawal was first made requires the extension, and then only for a period not longer than the length of the original withdrawal period. The Secretary shall report on such review and extensions to the Committees on Interior and Insular Affairs of the House of Representatives and the Senate.

Report to
congressional
committees.

Hearing.

(g) All applications for withdrawal pending on the date of approval of this Act shall be processed and adjudicated to conclusion within fifteen years of the date of approval of this Act, in accordance with the provisions of this section. The segregative effect of any application not so processed shall terminate on that date.

(h) All new withdrawals made by the Secretary under this section (except an emergency withdrawal made under subsection (e) of this section) shall be promulgated after an opportunity for a public hearing.

(i) In the case of lands under the administration of any department or agency other than the Department of the Interior, the Secretary shall make, modify, and revoke withdrawals only with the consent of the head of the department or agency concerned, except when the provisions of subsection (e) of this section apply.

(j) The Secretary shall not make, modify, or revoke any withdrawal created by Act of Congress; make a withdrawal which can be made only by Act of Congress; modify or revoke any withdrawal creating national monuments under the Act of June 8, 1906 (34 Stat. 225; 16 U.S.C. 431-433); or modify, or revoke any withdrawal which added lands to the National Wildlife Refuge System prior to the date of approval of this Act or which thereafter adds lands to that System under the terms of this Act. Nothing in this Act is intended to modify or change any provision of the Act of February 27, 1976 (90 Stat. 109; 16 U.S.C. 668dd(a)).

Appropriation authorization.

(k) There is hereby authorized to be appropriated the sum of \$10,000,000 for the purpose of processing withdrawal applications pending on the effective date of this Act, to be available until expended.

(l) (1) The Secretary shall, within fifteen years of the date of enactment of this Act, review withdrawals existing on the date of approval of this Act, in the States of Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming of (1) all Federal lands other than withdrawals of the public lands administered by the Bureau of Land Management and of lands which, on the date of approval of this Act, were part of Indian reservations and other Indian holdings, the National Forest System, the National Park System, the National Wildlife Refuge System, other lands administered by the Fish and Wildlife Service or the Secretary through the Fish and Wildlife Service, the National Wild and Scenic Rivers System, and the National System of Trails; and (2) all public lands administered by the Bureau of Land Management and of lands in the National Forest System (except those in wilderness areas, and those areas formally identified as primitive or natural areas or designated as national recreation areas) which closed the lands to appropriation under the Mining Law of 1872 (17 Stat. 91, as amended; 30 U.S.C. 22 et seq.) or to leasing under the Mineral Leasing Act of 1920 (41 Stat. 437, as amended; 30 U.S.C. 181 et seq.).

(2) In the review required by paragraph (1) of this subsection, the Secretary shall determine whether, and for how long, the continuation of the existing withdrawal of the lands would be, in his judgment, consistent with the statutory objectives of the programs for which the lands were dedicated and of the other relevant programs. The Secretary shall report his recommendations to the President, together with statements of concurrence or nonconcurrence submitted by the heads of the departments or agencies which administer the lands. The President shall transmit this report to the President of the Senate and the Speaker of the House of Representatives, together with his recommendations for action by the Secretary, or for legislation. The

Report to President.

Transmittal to Congress.

Secretary may act to terminate withdrawals other than those made by Act of the Congress in accordance with the recommendations of the President unless before the end of ninety days (not counting days on which the Senate and the House of Representatives has adjourned for more than three consecutive days) beginning on the day the report of the President has been submitted to the Senate and the House of Representatives the Congress has adopted a concurrent resolution indicating otherwise. If the committee to which a resolution has been referred during the said ninety day period, has not reported it at the end of thirty calendar days after its referral, it shall be in order to either discharge the committee from further consideration of such resolution or to discharge the committee from consideration of any other resolution with respect to the Presidential recommendation. A motion to discharge may be made only by an individual favoring the resolution, shall be highly privileged (except that it may not be made after the committee has reported such a resolution), and debate thereon shall be limited to not more than one hour, to be divided equally between those favoring and those opposing the resolution. An amendment to the motion shall not be in order, and it shall not be in order to move to reconsider the vote by which the motion was agreed to or disagreed to. If the motion to discharge is agreed to or disagreed to, the motion may not be made with respect to any other resolution with respect to the same Presidential recommendation. When the committee has reprinted, or has been discharged from further consideration of a resolution, it shall at any time thereafter be in order (even though a previous motion to the same effect has been disagreed to) to move to proceed to the consideration of the resolution. The motion shall be highly privileged and shall not be debatable. An amendment to the motion shall not be in order, and it shall not be in order to move to reconsider the vote by which the motion was agreed to or disagreed to.

(3) There are hereby authorized to be appropriated not more than \$10,000,000 for the purpose of paragraph (1) of this subsection to be available until expended to the Secretary and to the heads of other departments and agencies which will be involved.

Appropriation authorization.

ACQUISITIONS

Sec. 205. (a) Notwithstanding any other provisions of law, the Secretary, with respect to the public lands and the Secretary of Agriculture, with respect to the acquisition of access over non-Federal lands to units of the National Forest System, are authorized to acquire pursuant to this Act by purchase, exchange, donation, or eminent domain, lands or interests therein: *Provided*, That with respect to the public lands, the Secretary may exercise the power of eminent domain only if necessary to secure access to public lands, and then only if the lands so acquired are confined to as narrow a corridor as is necessary to serve such purpose. Nothing in this subsection shall be construed as expanding or limiting the authority of the Secretary of Agriculture to acquire land by eminent domain within the boundaries of units of the National Forest System.

43 USC 1715.

(b) Acquisitions pursuant to this section shall be consistent with the mission of the department involved and with applicable departmental land-use plans.

(c) Lands and interests in lands acquired by the Secretary pursuant to this section or section 206 shall, upon acceptance of title, become public lands, and, for the administration of public land laws not repealed by this Act, shall remain public lands. If such acquired lands

Arapahoe Street, Denver, Colorado 80205.

Jack A. Eaves,

Acting Chief Cadastral Surveyor for Colorado.

[FR Doc. 86-13709 Filed 6-17-86; 8:45 am]

BILLING CODE 4310-44-M

[OR-22094, OR-36343]

Oregon; Proposed Continuation of Withdrawals

AGENCY: Bureau of Land Management, Interior.

ACTION: Notice.

SUMMARY: The U.S. Coast Guard proposes that two land withdrawals for the Cape Arago Light Station continue for an additional 25 years. The land would remain closed to surface entry and mining but has been and would remain open to mineral leasing.

FOR FURTHER INFORMATION CONTACT: Champ Vaughan, BLM Oregon State Office, P.O. Box 2965, Portland, Oregon 97208 (Telephone 503-231-6905).

SUPPLEMENTARY INFORMATION: The U.S. Coast Guard proposes that the existing land withdrawals made by the Executive Orders of September 11, 1854, and June 14, 1876, be continued for a period of 25 years pursuant to section 204 of the Federal Land Policy and Management Act of 1976, 90 Stat. 2751, 43 U.S.C. 1714.

The land involved is located approximately three miles west of Charleston and contains 19.2 acres within Section 4, T. 28 S., R. 14 W., W.M., Coos County, Oregon.

The purpose of the withdrawals is to protect the Cape Arago Light Station. The withdrawals segregate the land from operation of the public land laws generally, including the mining laws, but not the mineral leasing laws. No change is proposed in the purpose or segregative effect of the withdrawals.

For a period of 90 days from the date of publication of this notice, all persons who wish to submit comments, suggestions, or objections in connection with the proposed withdrawal continuations may present their views in writing to the undersigned officer at the address specified above.

The authorized officer of the Bureau of Land Management will undertake such investigations as are necessary to determine the existing and potential demand for the land and its resources. A report will also be prepared for consideration by the Secretary of the

Interior, the President and Congress, who will determine whether or not the withdrawals will be continued and if so, for how long. The final determination on the continuation of the withdrawals will be published in the Federal Register. The existing withdrawals will continue until such final determination is made.

Dated: June 5, 1986.

B. LaVelle Black,

Chief, Branch of Lands and Minerals Operations.

[FR Doc. 86-13710 Filed 6-17-86; 8:45 am]

BILLING CODE 4310-33-M

[ORE-016674]

Oregon; Proposed Continuation of Withdrawal

AGENCY: Bureau of Land Management, Interior.

ACTION: Notice.

SUMMARY: The Department of the Army Corps of Engineers proposes that a land withdrawal for the Lost Creek Lake Project continue in part for an additional 100 years. The lands would remain closed to surface entry and mining but have been and would remain open to mineral leasing.

FOR FURTHER INFORMATION CONTACT: Champ Vaughan, BLM Oregon State Office, P.O. Box 2965, Portland, Oregon 97208 (Telephone 503-231-6905).

SUPPLEMENTARY INFORMATION: The Department of the Army, Corps of Engineers, proposes that the existing land withdrawal made by Public Land Order No. 5105 of August 6, 1971, be continued in part for a period of 100 years pursuant to section 204 of the Federal Land Policy and Management Act of 1976, 90 Stat. 2751, 43 U.S.C. 1714.

The lands involved are located approximately 24 miles northeast of Medford and aggregate approximately 1,731.72 acres within T. 33 S., Rgs. 1 and 2 E., W.M., Jackson County, Oregon.

The purpose of the withdrawal is to protect the Lost Creek Lake Project. The withdrawal segregates the lands from operation of the public land laws generally, including the mining laws, but not the mineral leasing laws. No change is proposed in the purpose or segregative effect of the withdrawal. The Corps of Engineers has also relinquished the balance of the withdrawal, aggregating approximately 746.13 acres, which is no longer needed for project purposes.

For a period of 90 days from the date of publication of this notice, all persons who wish to submit comments, suggestions, or objections in connection with the proposed withdrawal

continuation may present their views in writing to the undersigned officer at the address specified above.

The authorized officer of the Bureau of Land Management will undertake such investigations as are necessary to determine the existing and potential demand for the land and its resources. A report will also be prepared for consideration by the Secretary of the Interior, the President and Congress, who will determine whether or not the withdrawal will be continued and if so, for how long. The final determination on the continuation of the withdrawal will be published in the Federal Register. The existing withdrawal will continue until such final determination is made.

Dated: June 6, 1986

B. LaVelle Black,

Chief, Branch of Lands and Minerals Operations

[FR Doc. 86-13711 Filed 6-17-86; 8:45 am]

BILLING CODE 4310-33-M

[WASH-02114, WASH-02850, WASH-03205, OR-22188 (WASH), OR-22372 (WASH), OR-22373 (WASH), OR-22374 (WASH), OR-22619 (WASH), OR-25893 (WASH)]

Washington; Proposed Continuation of Withdrawals

AGENCY: Bureau of Land Management, Interior.

ACTION: Notice.

SUMMARY: The U.S. Department of Energy proposes that nine separate land withdrawals for the Hanford Nuclear Reservation continue for an indefinite period. The lands would remain closed to surface entry and mining but would be opened to mineral leasing subject to Department of Energy concurrence.

FOR FURTHER INFORMATION CONTACT: Champ Vaughan, BLM Oregon State Office, P.O. Box 2965, Portland, Oregon 97208, (Telephone 503-231-6905).

SUPPLEMENTARY INFORMATION: The U.S. Department of Energy proposes that the existing land withdrawals made by the Secretarial Order of April 26, 1937; Public Land Orders Nos. 165 of September 6, 1943, 191 of November 1, 1943, 261 of January 24, 1945, 1273 of March 14, 1958, 2122 of June 9, 1960, and 2265 of February 13, 1961; Bureau of Land Management Order of June 18, 1947; and Public Law 88-557 of August 31, 1964, as modified and/or amended, be continued for an indefinite period pursuant to Section 204 of the Federal Land Policy and Management Act of 1976, 90 Stat. 2751, 43 U.S.C. 1714.

The lands involved are located adjacent to the Columbia River north of

Richland and aggregate 64,709.37 acres within Benton, Franklin, and Grant Counties, Washington.

The purpose of the withdrawal is to protect the Hanford Site also known as the Hanford Nuclear Reservation. The withdrawals segregate the lands from operation of the public land laws generally, including the mining laws, and except for 1,214 acres, the mineral leasing laws. No change is proposed in the purpose or segregative effect of the withdrawals except to open 63,495.37 acres to applications and offers under the mineral leasing laws. The Department of Energy also has jurisdiction over approximately 300,000 acres of adjacent acquired lands which are affected by this notice.

For a period of 90 days from the date of publication of this notice, all persons who wish to submit comments, suggestions, or objections in connection with the proposed withdrawal continuations may present their views in writing to the undersigned officer at the address specified above.

The authorized officer of the Bureau of Land Management will undertake such investigations as are necessary to determine the existing and potential demand for the lands and their resources. A report will also be prepared for consideration by the Secretary of the Interior, the President and Congress, who will determine whether or not the withdrawals will be continued and if so, for how long. The final determination on the continuation of the withdrawals will be published in the Federal Register. The existing withdrawals will continue until such final determination is made.

Dated: June 6, 1986.

B. LaVelle Black,
Chief, Branch of Lands and Minerals
Operations.

[FR Doc. 86-1372 Filed 6-17-86; 8:45 am]

BILLING CODE 4310-32-M

(WASH-0911)

Washington; Proposed Continuation of
Withdrawal

AGENCY: Bureau of Land Management,
Interior.

ACTION: Notice.

SUMMARY: The Department of the Army, Corps of Engineers proposes that a land withdrawal for the Chief Joseph Dam Project continue for an additional 100 years. The lands would remain closed to surface entry and mining, but would be opened to mineral leasing subject to Department of Army concurrence.

FOR FURTHER INFORMATION CONTACT:
Champ Vaughan, BLM Oregon State
Office, P.O. Box 2965, Portland, Oregon
97208, (Telephone 503-231-6905).

SUPPLEMENTARY INFORMATION:

The Department of the Army, Corps of Engineers, proposes that the existing land withdrawal made by Public Land Order No. 1356 of November 5, 1956, be continued for a period of 100 years pursuant to section 204 of the Federal Land Policy and Management Act 1976, 90 Stat. 2751, 43 U.S.C. 1714.

The lands involved are located adjacent to the Columbia River downstream from the Grand Coulee Dam and aggregate 1,474.19 acres within T. 30 N., Rgs. 26, 27, 28, and 29 E., and T. 31 N., R. 30 E., W.M., Douglas County, Washington.

The purpose of the withdrawal is to protect the Chief Joseph Dam Project. The withdrawal segregates the lands from operation of the public land laws generally, including the mining laws and mineral leasing laws. No change is proposed in the purpose or segregative effect of the withdrawal except to open the lands to applications and offers under the mineral leasing laws.

For a period of 90 days from the date of publication of this notice, all persons who wish to submit comments, suggestions, or objections in connection with the proposed withdrawal continuation may present their views in writing to the undersigned officer at the address specified above.

The authorized officer of the Bureau of Land Management will undertake such investigations as are necessary to determine the existing and potential demand for the lands and their resources. A report will also be prepared for consideration by the Secretary of the Interior, the President and Congress, who will determine whether or not the withdrawal will be continued and if so, for how long. The final determination on the continuation of the withdrawal will be published in the Federal Register. The existing withdrawal will continue until such final determination is made.

Dated: June 9, 1986.

B. LaVelle Black,
Chief, Branch of Lands and Minerals
Operations.

[FR Doc. 86-13713 Filed 6-17-86; 8:45 am]

BILLING CODE 4310-32-M

Las Vegas District Advisory Council
Meeting

Notice is hereby given in accordance with Pub. L. 92-463 that a meeting of the Bureau of Land Management, Las Vegas

District Advisory Council will be held July 16, 1986.

The meeting will begin at 9:00 a.m., in the conference room of the Las Vegas District Office, 4765 W. Vegas Drive, Las Vegas, Nevada.

The meeting agenda will include:

1. Aerojet exchange update.
2. Riparian projects update.
3. Forest Service/Bureau of Land Management Interchange update.
4. Review of the River Mountain Resource Management issues.
5. Nominations for Advisory Council membership.
6. CRMP (restructuring)

The meeting of the Advisory Council is open to the public. Interested persons may make oral statements to the board. Written statements for the Board's consideration can be mailed in care of the Las Vegas District Manager, 4765 W. Vegas Drive, Las Vegas, Nevada 89126. Anyone wishing to make an oral statement must notify the District Manager, Las Vegas District, at the above address, by July 11, 1986. Depending on the number of persons wishing to make oral statements, a per-person time limit may be established by the District Manager.

Summary minutes of the board meeting will be maintained in the District Office and be available for public inspection and reproduction (during regular business hours 7:30 a.m. until 4:15 p.m. within 30 days following the meeting).

Dated: June 9, 1986.

Ben F. Collins,
District Manager.

[FR Doc. 86-13708 Filed 6-17-86; 8:45 am]

BILLING CODE 4310-32-M

Oregon: Proposed Management
Framework Plan Amendment and
Environmental Assessment for
Management of Wild Horses, Burns
District

AGENCY: Bureau of Land Management,
Interior.

ACTION: Availability of proposed land
use plan amendment and environmental
assessment in the Burns, Oregon
District.

SUMMARY: Pursuant to section 202 (c) and (f) of the Federal Land Policy and Management Act (FLPMA), and section 102(2)(c) of the National Environmental Policy Act of 1969 (NEPA), the Bureau of Land Management has prepared a proposed Land Use Plan Amendment and Environmental Assessment (EA) for

HANFORD RESERVATION, WASHINGTON

STATUS OF EXISTING DEPARTMENT OF ENERGY LAND WITHDRAWALS

AS OF APRIL 16, 1984

I. Legal Description of Lands Currently Withdrawn by Public Land Order No. 165 of September 6, 1943, as Modified by Public Land Order No. 881 of January 30, 1953 (OR 22373 (WASH))

A. Surface and Mineral Estate Public Domain:

Willamette Meridian

- T. 11 N., R. 28 E.,
sec. 2, Lots 1 to 6, incl., S $\frac{1}{2}$ NW $\frac{1}{4}$, and SW $\frac{1}{4}$;
sec. 4, Lots 1, 2, 3, and 4, S $\frac{1}{2}$ SE $\frac{1}{4}$, and SE $\frac{1}{4}$;
sec. 6, Lots 1 to 7, incl., S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
secs. 8 and 10;
sec. 18, Lots 1, 2, 3, and 4, E $\frac{1}{2}$, and E $\frac{1}{2}$ N $\frac{1}{2}$;
sec. 22, W $\frac{1}{2}$;
sec. 28;
sec. 30, Lots 1, 2, 3, and 4, E $\frac{1}{2}$, and E $\frac{1}{2}$ N $\frac{1}{2}$;
sec. 32.
- T. 12 N., R. 28 E.,
sec. 8, S $\frac{1}{2}$;
sec. 18, Lots 1, 2, 3, and 4, E $\frac{1}{2}$, and E $\frac{1}{2}$ N $\frac{1}{2}$;
secs. 20 and 22;
sec. 26, Lots 2, 3, 4, and 5, and W $\frac{1}{2}$ N $\frac{1}{2}$;
sec. 28;
sec. 30, Lots 1, 2, 3, and 4, E $\frac{1}{2}$, and E $\frac{1}{2}$ N $\frac{1}{2}$;
secs. 32 and 34.

The areas described aggregate 11,072.56 acres in Benton County, Washington.

II. Legal Description of Lands Currently Withdrawn by Public Land Order No. 191 of November 1, 1943, as Modified by Public Land Order No. 881 of January 30, 1953 (OR 22372 (WASH))

A. Surface and Mineral Estate Public Domain:

Willamette Meridian

- T. 10 N., R. 27 E.,
sec. 12, Lots 1, 2, 3, and 4, NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, and SE $\frac{1}{2}$ NW $\frac{1}{4}$.
- T. 11 N., R. 27 E.,
sec. 2, Lots 1, 2, 3, and 4, S $\frac{1}{2}$ NE $\frac{1}{4}$, and SE $\frac{1}{4}$;
secs. 14, 22, 26, and 34.

T. 12 N., R. 27 E.,
secs. 14, 24, and 26.

T. 11 N., R. 28 E.,
sec. 20.

T. 12 N., R. 28 E.,
sec. 6, Lots 3, 4, 5, 6, and 7, SE $\frac{1}{4}$ NW $\frac{1}{4}$, and E $\frac{1}{4}$ SW $\frac{1}{4}$.

The areas described aggregate 6,458.16 acres in Benton County,
Washington.

III. Legal Description of Lands Currently Withdrawn by Public Land Order No. 261 of January 24, 1945, as Modified by Public Land Order No. 881 of January 30, 1953 (OR 22374 (WASH))

A. Surface and Mineral Estate Public Domain:

Willamette Meridian

T. 11 N., R. 24 E.,
sec. 2, Lots 3 and 4, and SW $\frac{1}{4}$ NW $\frac{1}{4}$.

T. 12 N., R. 24 E.,
secs. 14, 24, and 26.

T. 13 N., R. 24 E.,
sec. 22, SW $\frac{1}{4}$ SE $\frac{1}{4}$;
sec. 24, NW $\frac{1}{4}$ NE $\frac{1}{4}$.

T. 11 N., R. 25 E.,
sec. 2, Lots 1, 2, 3, and 4, and SW $\frac{1}{4}$ NE $\frac{1}{4}$;
sec. 4, Lot 1;
sec. 6, Lots 2, 3, 4, and 5, SW $\frac{1}{4}$ NE $\frac{1}{4}$, and SE $\frac{1}{4}$ NW $\frac{1}{4}$.

T. 12 N., R. 25 E.,
sec. 6, Lots 1 to 7, incl., SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{4}$ SW $\frac{1}{4}$, and SE $\frac{1}{4}$;
sec. 8;
sec. 18, Lots 1, 2, 3, and 4, E $\frac{1}{4}$, and E $\frac{1}{4}$ NW $\frac{1}{4}$;
sec. 20, E $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{4}$, and NW $\frac{1}{4}$ SE $\frac{1}{4}$;
sec. 30, Lots 1, 2, 3, and 4, E $\frac{1}{4}$, and E $\frac{1}{4}$ NW $\frac{1}{4}$;
sec. 32, NW $\frac{1}{4}$ NE $\frac{1}{4}$;
sec. 34, SW $\frac{1}{4}$ NW $\frac{1}{4}$ and SW $\frac{1}{4}$.

T. 13 N., R. 25 E.,
sec. 18, Lots 3 and 4, E $\frac{1}{4}$ SW $\frac{1}{4}$, and SW $\frac{1}{4}$ SE $\frac{1}{4}$;
sec. 20, NW $\frac{1}{4}$ SE $\frac{1}{4}$;
sec. 28;
sec. 32, SW $\frac{1}{4}$.

T. 14 N., R. 25 E.,
sec. 28, SE $\frac{1}{4}$;
sec. 34, NE $\frac{1}{4}$ SW $\frac{1}{4}$ and NW $\frac{1}{4}$ SE $\frac{1}{4}$.

- T. 11 N., R. 26 E.,
 sec. 6, Lots 1 to 7, incl., S½NW¼, SE¼NW¼, E½SW¼, and SE¼;
 secs. 8, 12, and 14;
 sec. 22, NE¼NW¼;
 sec. 24.
- T. 14 N., R. 26 E.,
 sec. 4, NW¼SW¼;
 sec. 18, Lots 3 and 4, and E½SW¼.
- T. 10 N., R. 27 E.,
 sec. 2, Fractional NW¼NW¼, S½NW¼, and SE¼;
 sec. 4, Lot 1, fractional NW¼NW¼, SW¼NW¼, S½NW¼, and W½SW¼;
 sec. 6, Fractional NW¼NW¼, S½NW¼, fractional SW¼NW¼, SE¼NW¼, E½SW¼, fractional W½SW¼, and SE¼;
 sec. 8, NW¼.
- T. 11 N., R. 27 E.,
 sec. 4, Lots 1 and 2, S½NW¼, and SE¼;
 sec. 6, Lots 6 and 7, and E½SW¼;
 secs. 8, 10, and 12;
 sec. 18, Lots 1, 2, 3, and 4, E½, and E½NW¼;
 sec. 20, W½ and SE¼;
 secs. 24 and 28;
 sec. 30, Lots 1, 2, 3, and 4, E½, and E½NW¼;
 sec. 32.
- T. 12 N., R. 27 E.,
 sec. 4, NE¼SE¼;
 sec. 8, SW¼NW¼, SW¼, W½SE¼, and SE¼SE¼;
 sec. 12, E½SE¼;
 secs. 22, 28, 32, and 34.
- T. 13 N., R. 27 E.,
 sec. 2, Lots 3, 4, 5, and 6, SW¼NW¼, SE¼NW¼, NW¼SW¼, SE¼SW¼, W½SE¼, and SE¼SE¼;
 sec. 12, NE¼;
 sec. 14, NW¼NW¼, SE¼NW¼, and NE¼SE¼;
 sec. 24, NW¼NW¼, SE¼NW¼, and NE¼NW¼.
- T. 14 N., R. 27 E.,
 sec. 8, E½SE¼;
 sec. 10, SE¼;
 secs. 12 and 14;
 sec. 22, NE¼;
 sec. 26, NE¼;
 sec. 28, NW¼NW¼ and SE¼NW¼;
 sec. 34, Lots 1 to 5, incl., and NE¼NW¼.
- T. 10 N., R. 28 E.,
 sec. 18, Lot 5.
- T. 12 N., R. 28 E.,
 sec. 14, Lot 6.

V. Legal Description of Lands Currently Withdrawn by Public Land Order No. 2122 of June 9, 1960 (WASH 02850)

A. Surface and Mineral Estate Public Domain:

Willamette Meridian

T. 11 N., R. 28 E.,
sec. 14, Lot 5.

The area described contains 3.89 acres in Benton County, Washington.

VI. Legal Description of Lands Currently Withdrawn by Public Land Order No. 2265 of February 13, 1961 (WASH 03205)

A. Surface and Mineral Estate Public Domain:

Willamette Meridian

T. 13 N., R. 24 E.,
sec. 14, S½NW¼ and SW¼.

The area described contains 240.00 acres in Benton County, Washington.

VII. Legal Description of Lands Currently Withdrawn by Bureau of Land Management Order of 6-18-1947 (transferred from Bureau of Reclamation)(OR 22619(WASH))

A. Surface and Mineral Estate Public Domain:

Willamette Meridian

T. 15 N., R. 26 E.,
sec. 14, NW¼ and W½SW¼.

T. 15 N., R. 27 E.,
sec. 18, Lots 1, 2, 3, and 4, E½, and E½W½.

The areas described aggregate 1,006.82 acres in Grant County, Washington.

VIII. Legal Description of Lands Currently Withdrawn by Secretarial Order of 4-26-1937 (transferred from Bureau of Reclamation) (OR 25898(WASH))

A. Surface and Mineral Estate Public Domain:

Willamette Meridian

T. 14 N., R. 28 E.,
sec. 18, Lot 3 and NE¼.

The area described contains 207.13 acres in Franklin County, Washington.

IX. Legal Description of Lands Currently Withdrawn by the Act of Congress of August 31, 1964 (Public Law 88-557)(OR 22188(WASH))

A. Surface and Mineral Estate—Public Domain (formerly Acquired)

Willamette Meridian

T. 13 N., R. 27 E.,

sec. 1, Lots 1, 2, 3, and 4, S $\frac{1}{4}$ N $\frac{1}{4}$, and S $\frac{1}{4}$;
sec. 12, W $\frac{1}{2}$ and SE $\frac{1}{4}$;
sec. 13.

T. 13 N., R. 28 E.,

sec. 5, Lots 1, 2, 3, and 4, S $\frac{1}{4}$ N $\frac{1}{4}$, and S $\frac{1}{4}$;
sec. 6, Lots 1, 3, 4, 5, 6, and 7, SE $\frac{1}{4}$ N $\frac{1}{4}$ E $\frac{1}{4}$, SE $\frac{1}{4}$ N $\frac{1}{4}$ W $\frac{1}{4}$, and E $\frac{1}{4}$ S $\frac{1}{4}$ W $\frac{1}{4}$;
sec. 7, Lots 1, 2, 3, and 4, E $\frac{1}{4}$, and E $\frac{1}{4}$ N $\frac{1}{4}$;
sec. 8, W $\frac{1}{2}$ and SE $\frac{1}{4}$.

T. 14 N., R. 28 E.,

sec. 18, Lots 1, 2, and 4, and E $\frac{1}{4}$ N $\frac{1}{4}$ W $\frac{1}{4}$;
sec. 19, Lots 1, 2, 3, and 4, E $\frac{1}{4}$, and E $\frac{1}{4}$ N $\frac{1}{4}$ W $\frac{1}{4}$;
sec. 20, W $\frac{1}{2}$;
sec. 29, W $\frac{1}{2}$;
sec. 30, Lots 1, 2, 3, and 4, E $\frac{1}{4}$, and E $\frac{1}{4}$ N $\frac{1}{4}$ W $\frac{1}{4}$;
sec. 31, NE $\frac{1}{4}$;
sec. 32.

The areas described aggregate 6,996.64 acres in Franklin County, Washington.

OF 38420 (WASH)
-2340 (943.4)-

JUL 16 1986

RECEIVED

JUL 18 1986
Bureau Of Land Management
Spokane, Wa.

Memorandum

To: Director (322) Room 3646, MIB

From: State Director, Oregon

Subject: Proposed Withdrawal, U.S. Department of Energy Hanford Site,
Benton and Grant Counties, Washington

We hereby transmit case file OR 38420 (WASH), a public land order, and a memorandum to the Assistant Secretary - Land and Minerals Management, for your review and further action.

The U.S. Department of Energy has applied for a formal withdrawal of 1,000.75 acres of public domain mineral estate within the existing Hanford Site, also known as the Hanford Nuclear Reservation. The surface estate of the lands involved was acquired by the United States during the early 1940's. The mineral estate was reserved to the United States in earlier patents; however, this fact was inadvertently overlooked at the time the Hanford Site withdrawals were made during the 1940's and 1950's. The notice of proposed withdrawal and reservation of land was published in the Federal Register on April 30, 1985.

We have determined that a formal withdrawal from operation of the mining laws is necessary to protect the substantial improvements and nuclear energy uses. A right-of-way or cooperative agreement would not provide the level of protection needed.

The lands should be closed to location and entry under the mining laws for national security reasons and for public health and safety reasons. The lands are scattered throughout the existing Hanford Nuclear Reservation which comprises approximately 65,000 acres of withdrawn lands and 300,000 acres of acquired lands. The proposed withdrawal is consistent with the level of protection existing on the adjacent lands.

The two-year temporary segregative effect of the proposed withdrawal will expire on April 29, 1987; therefore, the Department of Energy urgently requests that final action on approval of the public land order be completed as soon as possible.

I recommend that the withdrawal be approved as proposed.

(Sgd.) Robert J. Rivers
Acting State Director

Enclosures
Public Land Order
Memorandum to Assistant Secretary
Case File OR 38420 (WASH)

AM, Wenatchee

Memorandum

To: Assistant Secretary - Land and Minerals Management

From: Director, Bureau of Land Management

Subject: Proposed Withdrawal, U.S. Department of Energy Hanford Site,
Benton and Grant Counties, Washington

We transmit a public land order (PLO) to withdraw 1,000.75 acres of subsurface mineral estate from mining for 20 years to protect the U.S. Department of Energy Hanford Site. The land will remain open to mineral leasing.

The Hanford Site is already in existence and is used for nuclear energy and national defense purposes. The surface estate of the lands involved was acquired by the United States; however, the subsurface public domain mineral estate was overlooked in earlier withdrawals for the facility. The formal withdrawal is necessary for national security reasons and to protect substantial improvements.

The lands are not known to contain locatable minerals of more than nominal value and for other than oil and gas, there has not been serious interest expressed in mineral development in the area. No protests to the proposed withdrawal have been received.

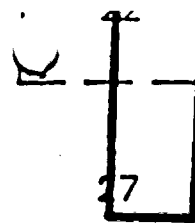
This action will have no significant impact on the quality of the human environment, and a detailed statement pursuant to Section 102(2)(C) of the National Environmental Policy Act of 1969 is not required.

The proposed action has been reviewed and approved by the Regional Solicitor's Office. No substantive changes were made in the preparation of the enclosed PLO. Your approval is recommended.

Enclosure

cc:
Sec. Ofc., Sec. RF(2)
Oregon State Office
DDRF-C, BLN
310, 320 hold
322/wd, hold

ATTACHMENT 1A



DRAFT COPY bv

Bureau of Land Management
Spokane, WA

Rec'd DIRM
by HEL 10-14-96

October, 1996

HANFORD
SITE

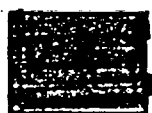
DOE-RL



RADIOACTIVE
BURIAL GROUNDS



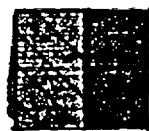
TOXIC DUMP SITES



MAJOR DEVELOPMENT
AREAS



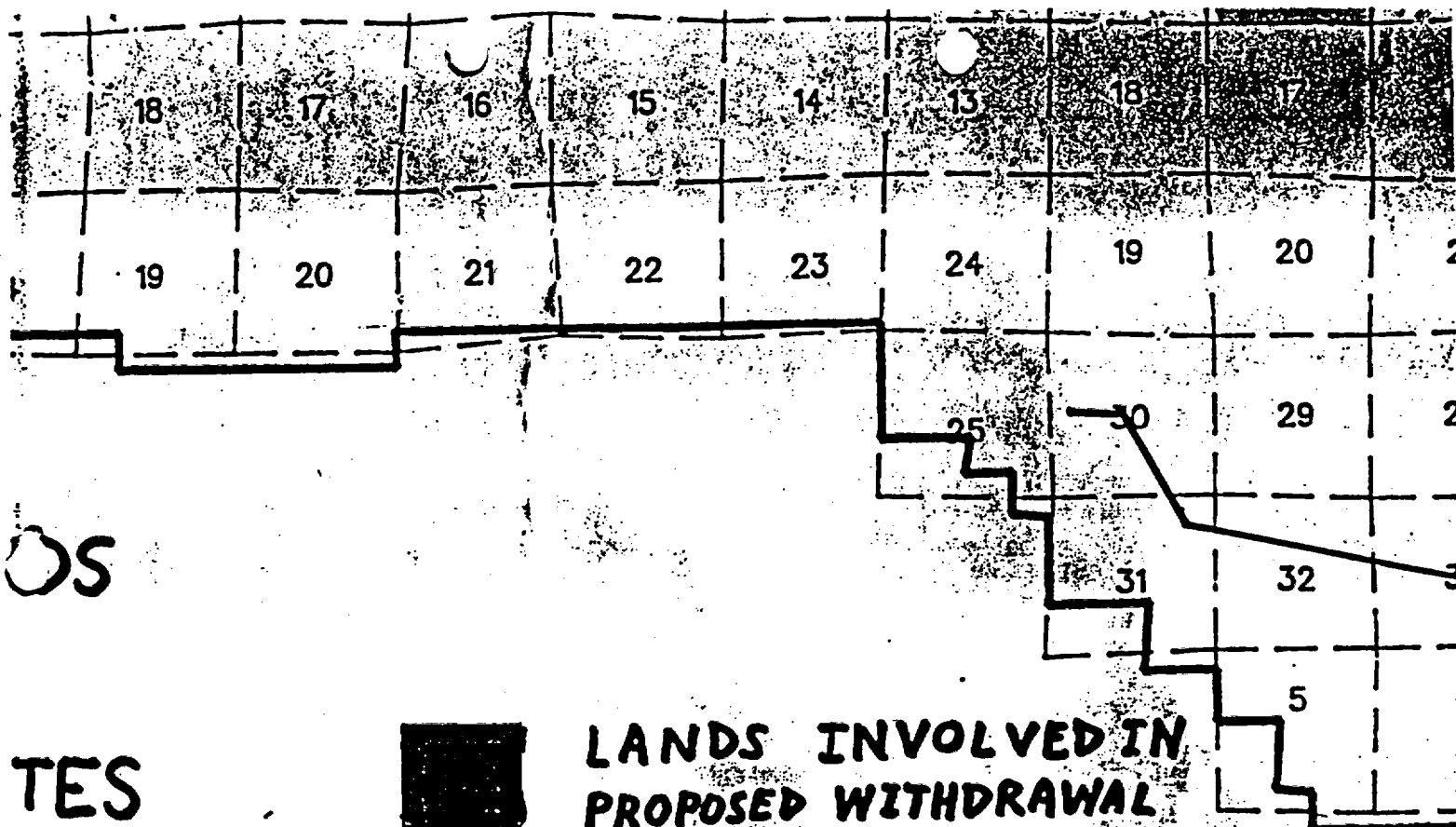
POWER LINES



LANDS INVOLVED IN
WITHDRAWAL REVIEW }

LANDS
PUBLIC
BUT WOU

USGS, HANFORD SITE OVE



**LANDS INVOLVED IN
PROPOSED WITHDRAWAL
(OR 38420): CLOSED TO MINING
LAWS, OPEN TO MINERAL LEASING LAWS**

**IN } LANDS WOULD REMAIN CLOSED TO ENTRY UNDER
EW } PUBLIC LAND LAWS, INCLUDING MINING LAWS,
BUT WOULD BE OPENED TO MINERAL LEASING LAWS**

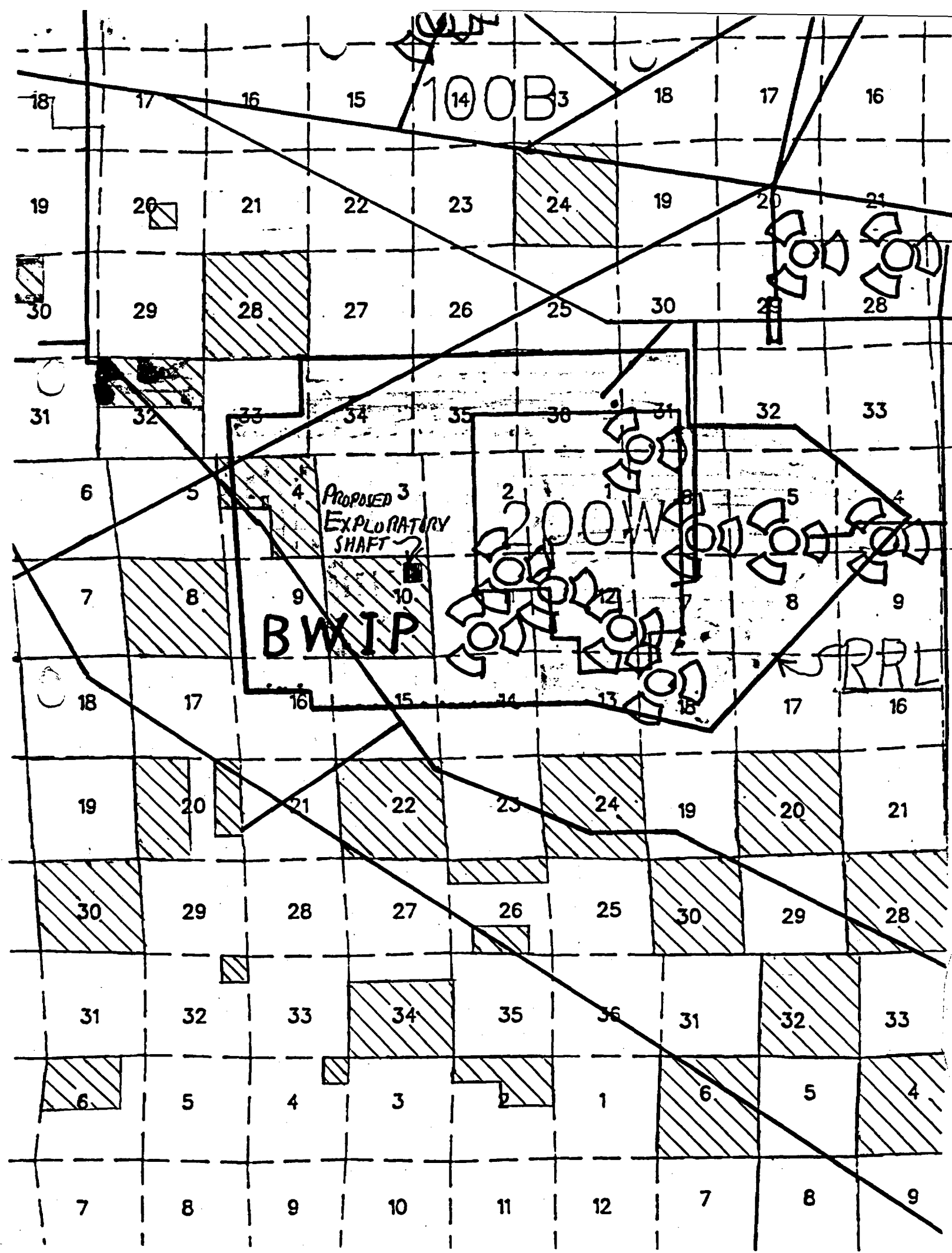
SITE OVERLAYS

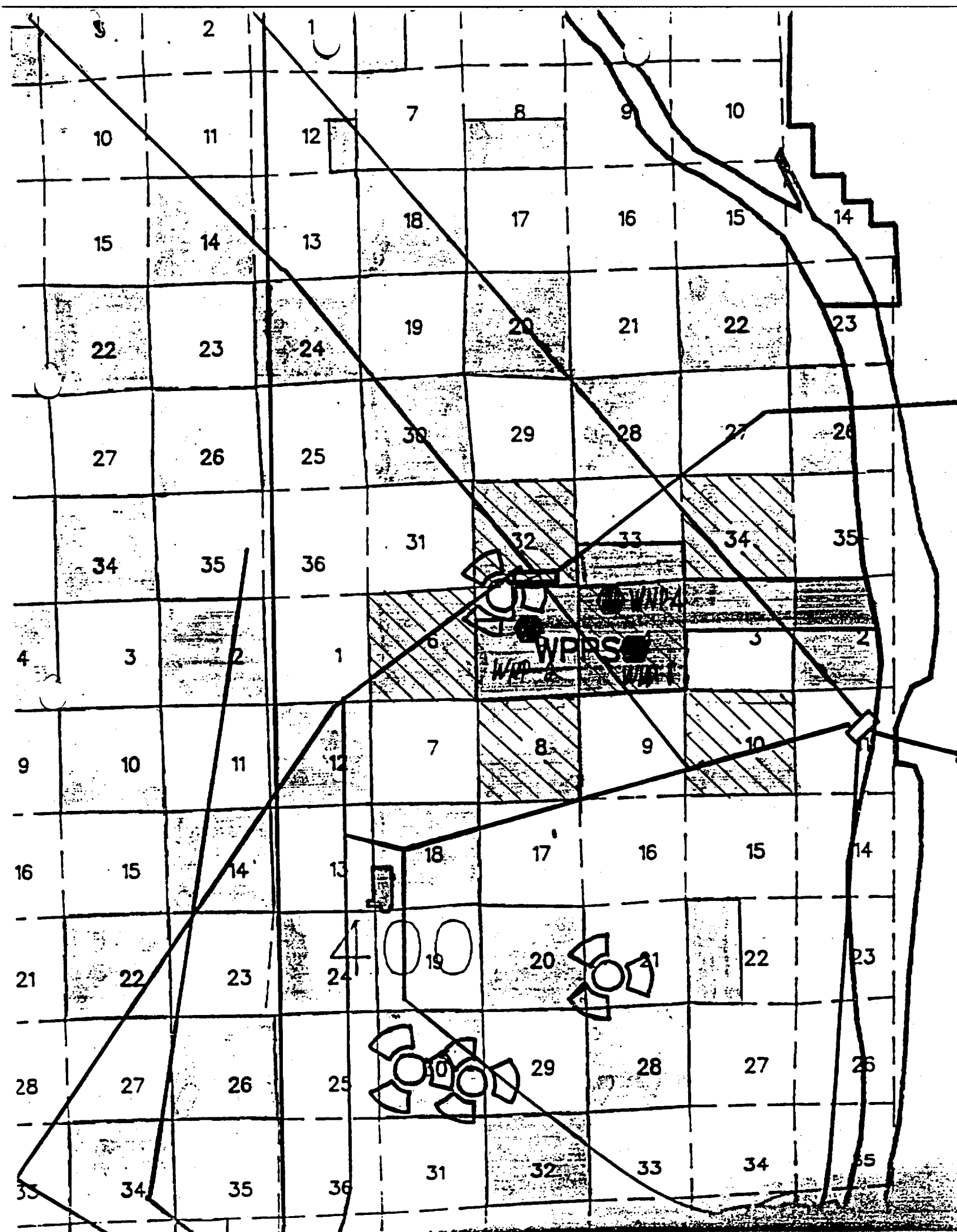
ENTRY UNDER
NING LAWS,
LEASING LAWS

CADFILE:GDHDRES

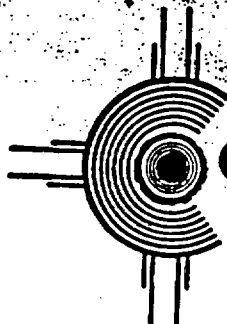
LEGEND

NUMBERED SECTIONS
1 SQUARE MILE





ATTACHMENT 2



Council of Energy Resource Tribes

**WORK COPY
SEPTEMBER 26, 1986
C.L. CANARD**

AULTING
AKNESS

Rec'd DWM 10/14/86

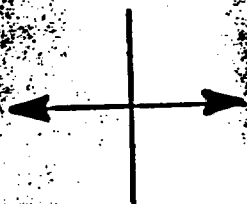
By H.E. Lefevre

Mailed From Tvl-Cities, WA

OCT 6, 1986

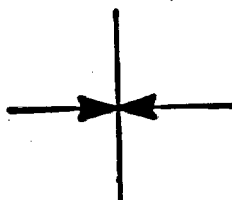
DIAGRAMMATIC CROSS SECTION SHOWING SUBSURFACE FAULTING AT BWIR

SADDLE MOUNTAIN
ANTICLINE



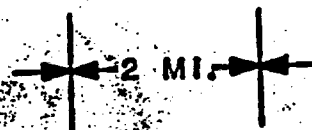
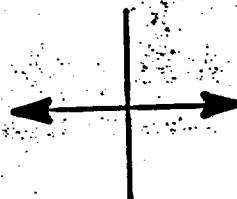
5 MI.

PASCO
SYNCLINE



5 MI.

UMTANUM
RIDGE



2 MI.

RATTLESNAKE HILLS GAS FIELD BENTON COUNTY, WASHINGTON

NORTHWESTERN NATURAL GAS
WALLA WALLA #6
SECTION 29: T 11 N, R 26 E
ELEVATION: 1437 ft.

RRL-2
(ES-1)

PROPOSED
LOCATION
DC-24

GAS AT
791-800
992-1039

78' SHALE

SEA LEVEL

RATTLESNAKE HILLS
+1300' THRUST FAULT

39' SANDSTONE

3150

TAR LIKE OIL

BOTTOMED IN BASALT

TOTAL DEPTH: 3,660 ft.

ZONE OF
POSTULATED
SEISMIC FAULTS

DEPTH: 3,900 ft.

RATTLESNAKE HILLS GAS FIELD BENTON COUNTY, WASHINGTON

STANDARD
RATTLES
SESE SECTION
ELEVATION

NORTHWESTERN NATURAL GAS
WALLA WALLA #6
SECTION 28: T 11 N, R 26 E
ELEVATION: 1437 ft.

GAS AT
791-800
892-1039

75' SHALE

LEVEL

RATTLESNAKE HILL
±1300' THRUST FAULT

8120-3420
25% COAL &
CARB. MATERIAL

CHICKEN FEATHERS!
3620 LOST CIRCULATION

WELL BLOWOUT AT 4788'

30 DAYS REGAIN
CIRCULATION 4847'

DIPMETER

89' SANDSTONE

9150

TAR LIKE OIL

BOTTOMED IN BASALT

TOTAL DEPTH 3,660 ft.

ZONE OF
POSTULATED
EISMIC FAULTS

STANDARD OIL OF CALIFORNIA
RATTLESNAKE HILLS #1
SESE-SECTION 16: T 11 N, R 24 E
ELEVATION 2872 ft.

1660-80
SILTSTONE W/ABUNDANT COAL

2100-2300
COAL SAMPLES

SEA LEVEL

2400-2420
COAL

3000-3100
COAL

3140-3160
COAL

3340-3440
COAL

3600-3640
COAL

4660-4700 COAL

4760-4870 COAL

3120-3420
26% COAL
CARB. MATERIAL

CHICKEN FEATHERS
3620 LOST CIRCULATION

WELL BLOWOUT AT 4760

30 DAYS REGAIN
CIRCULATION 4847
DIPMETER

COAL BEDS

COAL BEDS

COAL BEDS

30 DAYS REGAIN
CIRCULATION 4847
DIPMETER

4780-4870 0070

COAL BEDS

COAL BEDS

8084-8100
BASALT NO SHOW NO DIP

ORIGINAL TD 8418'

FAULT ZONES

TOTAL DEPTH: 10,655 ft.

SE

ATTACHMENT 3

CONVERSATION RECORD

TIME

12:15

DATE

14 Oct 1986

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

WM 101.1

See Attached
Distribution
List

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT
WITH YOUORGANIZATION (Office, dept., bureau,
etc.)

TELEPHONE NO.

George Brown, District Geologist

(Spokane, WA)
Bureau of Land Mgmt.FTS
439-2570

SUBJECT

Receipt of Plat Plan From BLM Indicating the Exploratory Shaft
at the RRL Lies within an Area Possibly Open to Mineral Leasing

SUMMARY

- Mr. Brown's Oct. 2, 1986 letter to H. Lefevre consisted of several attachments, including a plat of areas proposed by BLM to be opened for mineral leasing. Two of the plots are within the RRL - the section within which the exploratory shaft is located and an adjacent section to the NW of the Exploratory Shaft area. If the BLM request is granted, the effect would be that BLM, not DOE, would have the authority to grant ^(or deny) permission for exploration activities and perhaps even resource development within the RRL.
- Mr. Brown feels, considering that there is a potential conflict with the suggested mineral development and existing/proposed surface and subsurface facilities, his report, which may be completed late this fiscal year, must address this problem.
- Mr. Brown also indicated that a separate, on-going action by BLM will probably result in additional areas immediately adjacent to the west of the RRL being made available to other-than-government development.

ACTION REQUIRED

Advising WM personnel of above activity.

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

HAROLD E. LEFEVRE

Harold E. Lefevre

14 Oct 1986

ACTION TAKEN

Action completed.

SIGNATURE

TITLE

DATE

Harold E. Lefevre

Project Manager, geology/geophysics
BLM, DM/14

14 Oct 1986

50271-101

GPO : 1984 O - 361-526 (7227)

CONVERSATION RECORD

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE

CONVERSATION RECORD

TIME

11:15

DATE

15 Oct 1986

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

101.0

See Attached

Distribution List

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

William Kiel

ORGANIZATION (Office, dept., bureau, etc.)

WPPSS
Utility operating Hanford
Reactor WPPSS-2

TELEPHONE NO.

509-372-5381

SUBJECT

① WPPSS - Sponsored geologic/geophysical studies on Rattlesnake Mt. Petroleum Wells, BLM Mineral Leasing at Hanford, UAR will be notified of BLM SUMMARY Mineral Leasing Activities and of TEST Cross Section.

① Mr. Kiel indicated that a Battelle-sponsored report, authored by Dr. Tillson J. Raymond, interpreting the Standard Oil of California Well on Rattlesnake Mt., is located in the WPPSS file. Bill will provide me with a copy of the report. WPPSS has, to Bill's knowledge, conducted studies of the 1920's gas exploration wells on the east flank of Rattlesnake Mt.

② BLM mineral leasing report. Mr. Kiel was advised that H. Lefevre has both a map depicting lands being considered for mineral leasing on the Hanford Reservation and a letter describing the bases for the BLM report. Mr. Kiel was informed that two WPPSS nuclear units (#1 & #4) are located on lands being evaluated for opening of mineral leasing and that Unit #2 is within 2,000' of potentially leaseable land. H. Lefevre indicated that he would provide W. Kiel with (1) a copy of the BLM letter (G. Brown to H. Lefevre) and (2) portions of the BLM land map relevant to WPPSS activities.

(continued on page 2)

ACTION REQUIRED

See Following Page

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

See Following Page

SIGNATURE

TITLE

DATE

CONVERSATION RECORD

TIME

11:15

DATE

15 Oct 1986

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT
WITH YOU

William Kiel

ORGANIZATION (Office, dept., bureau,
etc.)

WPPSS

TELEPHONE NO.

509-872-5881

SUBJECT

See previous page

SUMMARY

③ Two documents recently (October 14) received by H. Lefevre having an impact on both the WPPSS reactors and the RRL are: (1) the previously-described BLT activity and (2) a diagrammatic cross section through and beyond the RRL and Rattlesnake Mountain prepared by Curtis Leland, a petroleum geologist with CERT (consultants to the Nez Perce and Umatillas). H. Lefevre's opinion on potential problems for the WPP reactors relating to the BLT activity was discussed. No discussion of the relevance of the cross-section interpretation was held. H. Lefevre indicated that he will (1) notify NRR (Phyllis Sabel) of this conversation and (2) that copies of each of the above document will be provided to both NRR and to WPP.

ACTION REQUIRED

Notification of NRR and NRRS of the above documents. Transmittal of this info to relevant personnel.

NAME OF PERSON DOCUMENTING CONVERSATION

Harold E. Lefevre

SIGNATURE

Harold E. Lefevre

DATE

17 October 1986

ACTION TAKEN

NRR notified (October 16) of above. NRRS supervisor and others previously notified on October 14. Draft letter to WKKiel (with cc. to NRR) has been prepared.

SIGNATURE

Harold E. Lefevre

TITLE

PROJECT MANAGER, BEADOWN

DATE

17 October 1986

50271-101

* GPO : 1987 O - 361-526 (7227)

CONVERSATION RECORD

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE

CONVERSATION RECORD

TIME

2:15

DATE

15 October 1986

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

WTM 101.1

See Attached
Distribution
List

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED ~~OR BY CONTACT~~

George Brown, District Geologist

ORGANIZATION (Office, dept., bureau, etc.)

(Spokane, WA)
Bureau of Land Mgmt.

TELEPHONE NO.

FTS
439-2570

SUBJECT

- (1) Withdrawal Notice - Federal Register Notification; Time Frame For Completion of Withdrawal Action

SUMMARY

- (1) G. Brown's comment on the nature of DOE's request that certain identified land within the Hanford Site be opened for mineral leasing, with DOE concurrence, was that "with DOE concurrence," is slightly irregular and may cause delays in the continuation of the action. Mr. Brown noted that under existing law, the identified parcels can be approved, by BLM, for mineral leasing without any concurrence on the part of DOE, required, or necessary. Mr. Brown noted that one such parcel of land (one mile square) contains the location identified by DOE as the exploratory shaft siting area. This area within the RRL, as well as an adjacent section of land, is currently available for mineral leasing. Only BLM approval is necessary for granting of such approval.
- (2) Regarding the time frame required for completion of granting DOE's mineral release request, Mr. Brown expressed some hesitation - citing possible problems with DOE's request. He indicated that possibly two years as a minimum could be considered because the approvals of both Congress and the President are necessary.

ACTION REQUIRED

NMSS management is to be made aware, through this record, that a "shadow" on the perpetual integrity of the RRL would be compromised if DOE were denied control of all (some) lands within the RRL.

NAME OF PERSON DOCUMENTING CONVERSATION

HAROLD E. LEFEVRE

SIGNATURE

Harold E. Lefevre

DATE

14 Oct 1986

ACTION TAKEN

This Conversation Record has been issued and management advised of Mr. Brown's comments.

SIGNATURE

Harold E. Lefevre

TITLE

Project Manager, Ecology

DATE

14 Oct 1986

50271-101

* GPO : 1981 O - 361-526 (7227)

CONVERSATION RECORD

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE

CONVERSATION RECORD

TIME
4:30DATE
15 OCTOBER 1986

PE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

WM 101.4

See Attached
Distribution
List

Location of Visit/Conference: _____

NAME OF PERSON(S) CONTACTED

ORGANIZATION (Office, dept., bureau,
etc.)

TELEPHONE NO.

CURTIS CANARD

CERT (NRC Project
Dynatilla Consultants)

303-832-6600

SUBJECT

STATUS OF USE OF CERT'S GEOLOGIC CROSS SECTION ACROSS AND
ADJACENT TO THE HANFORD RESERVATION

SUMMARY

MR. CURTIS INDICATED THAT THE GEOLOGIC CROSS-SECTION (TRANSMITTED BY MR. CANARD AND RECEIVED BY NMH ON 14 OCT 1986) WAS DEVELOPED BY CERT FOR PUBLIC USE AND THAT NMH IS PERMITTED TO UTILIZE AND DISTRIBUTE THE DOCUMENT AS THEY WISH. MR. CURTIS INDICATED THAT HE WOULD PROVIDE ADDITIONAL COPIES OF THE CROSS SECTION AS REQUESTED.

MR. CURTIS OFFERED TO HAVE COPIES MADE (FOR NMH USE) OF CERTAIN GEOPHYSICAL LOGS UTILIZED IN THE PREPARATION OF HIS INTERPRETATION.

H. Lefevre's Comment Follows:

MR. CURTIS' INTERPRETATION OF THE GEOPHYSICAL LOGS, IF SUBSTANTIATED BY ADDITIONAL VERIFICATION, ESPECIALLY IN THE RATTLEWAKE MOUNTAIN AREA WOULD, IN EFFECT, URGENTLY DOE'S TECTONIC MODEL OF THE RIA AREA. H. LEFEVRE, BASED UPON INFORMATION RECEIVED FROM W. KIEL OF WPPSI, WILL PROVIDE TO CURTIS A REPORT GENERATED BY BATTELLE NW ON ONE OF THE WELLS (RATTLEWAKE) INTERPRETED BY MR. CANARD.

ACTION REQUIRED

COPIES OF MR. CANARD'S CROSS-SECTION WILL BE ACQUIRED FOR DISTRIBUTION TO VARIOUS ORGANIZATIONS (NRC CONTRACTORS, DOE, NRR, AND WPPSI). NMH WILL BE NOTIFIED OF POSSIBLE GEOLOGIC IMPACT ON HANFORD CONFINEMENT REACTORS.

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

HAROLD E. LEFEVRE

Harold E. Lefevre

16 OCTOBER 1986

ACTION TAKEN

MR. CANARD WILL BE ASKED TO PROVIDE ADDITIONAL COPIES OF THE FIGURE. A DRAFT LETTER NOTIFYING THE HANFORD UTILITY (WPPSI) HAS BEEN PREPARED.

SIGNATURE

TITLE

DATE

Harold E. Lefevre

Project Manager, Geology/Geophysics

16 OCTOBER 1986

CONVERSATION RECORD

TIME
10:15DATE
14 OCTOBER 1986

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED ~~OR IN CONTACT~~
~~WITH YOU~~ORGANIZATION (Office, dept., bureau,
etc.)

TELEPHONE NO.

SUBJECT

SUMMARY

ROUTING

NAME/SYMBOL

INT

WM 414.2

See Attached

Distribution List

Phyllis Jabel, Geophysicist

NRR, Division of Boiling
Water Reactors

492-7592

Informed of BLM mineral leasing activities and of CERT document
and of relevance (possible) to the WPPSS Reactor Facilities

P. Jabel was advised of:

- (1) The BLM letter and land parcel map and the action being taken by BLM, at
DOE's Federal Register Notice direction, in considering that land currently
occupied by ^{units WPP-1 and WPP-2} and immediately adjacent to WPP-2 (operating reactor) would
be opened ^{with no concurrence} for mineral leasing.
- (2) The above land is currently open for mineral leasing with DOE having
no authority for preventing such access. BLM currently has authority
for granting such leases.
- (3) Curtis (an and, a petroleum geologist with CERT (consultant to the Nez Perce
and Umatilla Indian Tribes) has prepared, based upon his interpretation
of petroleum geophysical logs, a geologic cross section through, and
adjacent to the Hanford Reservation. This cross section shows multiple
thrust faulting extending through Rattlesnake Mountain as well as throughout
most portions of the Pasco Basin. H. Lefevre suggested that NRR
(continued on page 2)

ACTION REQUIRED

See Following Page

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

See Following Page

SIGNATURE

TITLE

DATE

CONVERSATION RECORD		TIME	DATE
		10:15	16 October 1986
TYPE	<input type="checkbox"/> VISIT <input type="checkbox"/> CONFERENCE <input checked="" type="checkbox"/> TELEPHONE		ROUTING
Location of Visit/Conference:		<input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING	NAME/SYMBOL INT
NAME OF PERSON(S) CONTACTED <small>(OR IN CONTACT WHEN YOU)</small>		ORGANIZATION (Office, dept., bureau, etc.)	TELEPHONE NO.
Phyllis Sobel, geo physicist		ORR, Division of Boiling Water Reactors	492-7592
SUBJECT			
See previous page			

SUMMARY

- may wish to assess the veracity of Mr. Leonard's suggestions and the resultant impact (if any) on the safety of the WND-2 reactor.
- (4) P. Sobel was advised that H. Lefevre has prepared a letter transmitting the BLM and EER information to both ORR and to the WPPS organization (W. Kiel specifically).
- (5) P. Sobel was informed that H. Lefevre had advised W. Kiel of WPPS of the above documents and suggested that WPPS may wish to assess the significance of these documents to their facilities.
- (6) H. Lefevre offered to brief P. Sobel (ORR), at her convenience, of the above documents in more detail.
- (7) H. Lefevre informed P. Sobel that Dr. Simmons of the University of Nevada, Reno, was making plans for a joint presentation (ORR-UNR) in November (?) suggesting certain studies be conducted within the Yucca Field Belt to assess the current tectonic regime of the region.

ACTION REQUIRED

Advising (informing) ORR of BWP-related activities and documents having possible relevance to the Hanford nuclear power reactors.

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
HAROLD E. LEFEVRE	Harold E. Lefevre	16 October 1986
ACTION TAKEN		
ORR advised by telcon of the existence of the above documents and the possible relevance to the WPPS nuclear reactors at Hanford. Draft of letter with enclosures has been prepared to ORR for transmittal.		
SIGNATURE	TITLE	DATE
Harold E. Lefevre	Project Manager, geology	16 October 1986

CONVERSATION RECORD

TIME

2:20

DATE

14 October 1986

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

101.0

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN-CONTACT WITH YOU

William Kiel

ORGANIZATION (Office, dept., bureau, etc.)

WPPSS (Utility

operating Hartford nuclear

power reactor)

TELEPHONE NO.

509-372-5381

SUBJECT

① Status of transmittal of data package to WPPSS; ② Availability of geophysical logs from CERI; ③ NRR notified; ④ Status of Battelle Report

See Attached Distribution List

SUMMARY

- ① H. Lefevre indicated that a draft of the letter transmitting the BLM and CERI data (see conversation record of 15 Oct 1986 for details) has been prepared and is awaiting Repository Projects concurrence.
- ② Curtis Canard of CERI has indicated to H. Lefevre that prints of the geophysical logs used by Curtis in the preparation of his diagrammatic cross-section will be made upon request and cost reimbursement to CERI.
- ③ Phyllis Sobel of NRR has been notified of the BLM and CERI documents and that a cc of the NRRS letter to W. Kiel would be provided to B.D. Linn, P. Sobel's supervisor.
- ④ W. Kiel has located the D. Tillson-J. Raymond Battelle Patkennake Mountain report and has sent the report (on October 15) to H. Lefevre. W. Kiel indicates that his (Kiel's) initial impression is that the Tillson-Raymond report corroborates the Canard interpretation.

ACTION REQUIRED

Assuring a timely transmittal of the WPPSS (NRR) letter with attachments to the designated recipients. Keeping NRR advised of issues potentially affecting reactor safety.

NAME OF PERSON DOCUMENTING CONVERSATION

Harold E. Lefevre

SIGNATURE

Harold E. Lefevre

DATE

17 October 1986

ACTION TAKEN

Repository Projects Project Manager (Paul Hildenbrand) will be notified (upon his return to duty) of the BLM and CERI documents and will be asked to expedite transmittal of the Kiel letter.

SIGNATURE

Harold E. Lefevre

TITLE

PROJECT MANAGER, BEDOLBY

DATE

17 October 1986

50271-101

* GPO : 1981 O - 361-526 (7227)

CONVERSATION RECORD

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE

CONVERSATION RECORD

TIME
11:00DATE
17 Oct 1986

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☒ INCOMING☐ OUTGOING

ROUTING

NAME/SYMBOL

INT

LHM 101.4

See Attached
Distribution List

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT
WITH YOU

CURTIS CANARD

ORGANIZATION (Office, dept., bureau,
etc.)LPT (Nez Perce and
Umatta Consultants)

TELEPHONE NO.

303-832-6600

SUBJECT

① NRC Request for Additional copies of the C. Canard Cross-Section; Bottelle
Report; ③ Mineral Leasing Request; ④ Geophysical Log of Rattlesnake Mt. Well

SUMMARY

- ① Mr. Canard has kindly offered to provide the NRC with 15 copies of his Diagrammatic
Cross Section showing his interpretation of the geologic structure in the Hanford
Area. These copies will be widely distributed within MRS, MNR, DOE and elsewhere
as necessary.
- ② According to Mr. Kiel of WPPSS the 1967 Bottelle report appears to corroborate
Mr. Canard's interpretation of imbricate faulting at Rattlesnake Mountain.
H. Lefevre will provide a copy of this report to Mr. Canard upon NRC's receipt
from the WPPSS organization.
- ③ Mr. Canard was informed of the Federal Register Notice of June 16, 1986, initiated
by DOE, requesting that certain lands, including the site of the Exploratory Shaft,
be opened for, with DOE, mineral leasing.
- ④ Mr. Canard will be sending H. Lefevre a copy of his work copy of the
Rattlesnake Mountain geophysical (density) log from which Mr. Canard's
interpretation originated.

ACTION REQUIRED

Requested multiple copies of the C. Canard cross-section. Transmittal, upon NRC receipt, of Bottelle
geologic report to C. Canard.

NAME OF PERSON DOCUMENTING CONVERSATION

HAROLD E. LEFEVRE

SIGNATURE

Harold E. Lefevre

DATE

17 Oct 1986

ACTION TAKEN

Awaiting receipt of above mentioned items.

SIGNATURE

Harold E. Lefevre

TITLE

PROJECT MANAGER

DATE

17 Oct 1986

DISTRIBUTION LIST

WM File 101.0, 101.1, 101.4, 406.4, 414.2

WMGT r/f

NMSS r/f

R. Browning

M. Bell

J. Bunting

P. Justus

J. Linehan

J. Trapp

R. Johnson

P. Hildenbrand

M. Weber

N. Coleman

A. B. Ibrahim

H. Lefevre r/f

M. Blackford

J. Warner

K. McConnell

D. Brooks

K. Chang

J. Buckley

A. Hale

L. Riddle

F. R. Cook, On-Site Representative

B. D. Lfaw, NRR

P. Sobel, NRR

L. Reiter, NRR

I. Alterman, RES

G. Brown, BLM

C. Canard, CERT

J. Wittman, Yakima Indian Nation

W. Kiel, WPPSS

W. Brewer, State of Washington

W. Lingley, State of Washington

PDR

LPDR

Scotch® 7684 "Post-It" Routing-Request Pad

ROUTING - REQUEST

Please

☐

READ

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APPROVE

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KEEP OR DISCARD

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REVIEW WITH ME

To

Hook to

orig info

Get to from

PDR

Date _____

From _____