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~~4/15/86 TO 003 REVISION~~

- 1 -

APR 16 1986

John Reuss, Deputy Chief
Division of Minerals Availability
U.S. Bureau of Mines
2401 E Street NW
Washington, D.C. 20241

SUBJECT: COMMENTS ON REVISED OUTLINE FOR TASK ORDER 003
METHODOLOGY REPORT

This is to transmit my comments on the subject document received by telephone facsimile on April 15, 1986. My comments appear as a mark-up of the enclosed revised outline and as rewrites of selected sections.

This revision appears to represent a significant improvement to the January 29, 1986 outline and is consistent with both my March 17, 1986 recommendations and our April 8, 1986 telephone conference discussions. My comments should be incorporated in the outline and submitted as a final outline. Upon such submittal, work can commence on the development of the draft report.

Should my comments not be clear, please request additional clarification at the earliest possible time.

The action taken by this letter is considered to be within the scope of the current contract (NRC-02-85-004). No change to costs or delivery of contracted products are authorized. Please notify me immediately if you believe this letter would result in changes to costs or delivery of contract products.

151
Richard Lee, Project Officer
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Enclosure: As stated.

WM-RES
WM Record File
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WM Project *10, 11, 16*
Docket No. _____
PDR *✓* *no encl.*
LPDR *✓* *(B, N, S)*

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encl. is already in the DCS
(Referring to WM, 523-SS) Ltr of 4/10/86

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PDR WMRES EUSDDIMI
D-1018 PDR

JFC	: WMGT	:	:	:	:	:	:
NAME	: RLee	:	:	:	:	:	:
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(Insert 1)

.....regarding accepted methodologies for evaluating natural resources to meet the requirements of 10 CFR Part 60.

(Insert 2)

This report will identify methods available to DOE for evaluating natural resources potential during site characterization activities.

(Insert 3)

1.2 Regulatory compliance. Primary intent of report is: 1) to provide guidance to DOE regarding accepted methods for demonstrating compliance with regulations governing natural resource identification and evaluation, and 2) to assist NRC in making a finding of DOE's compliance with the requirements of 10 CFR Part 60.

1.3 Available methods for natural resource assessment during site characterization. Natural resource data may be obtained during site characterization. Such data may be utilized to augment and/or revise models developed through literature and database searches. Information obtained about natural resources during site characterization may form the basis for deposit models, or augment existing models, the use of which may indicate other undiscovered resources in the geologic setting.

(Insert 4)

2.3 Methods for identifying and evaluating natural resources using information obtained from Section 2.2 above. This section addresses those requirements of 10 CFR Part 60 relating to identification of known and/or undiscovered natural resources in the geologic setting and methods for evaluating such resources.

2.3.1 Methods for identifying areas to be used for statistically valid comparison with the proposed site.

2.3.1.1 Identification of those areas in the geologic setting that in the past have been targets of resource exploration (mapping, sampling, drilling, test pits, trenches, or adits, etc.), or have been exploited (development, underground workings, open pits, tailings dams and ponds, dumps, diversion dams, ditches, etc.). This process will utilize information developed during background data collection (see Section 2.2). From these sources preliminary models will be developed for purposes of conducting probabilistic comparison.

2.3.2 Methods for conducting probabilistic comparison of those areas identified in Section 2.3.1.

JFC	:	:	:	:	:	:	:
NAME	:	:	:	:	:	:	:
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