



MANUFACTURING SCIENCES CORPORATION

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February 6, 1984

Mr. Robert Johnson
Division of Waste Management
MS 623-SS
U.S. Nuclear Regulatory Commission
Washington D.C. 20555

WM Record File

106

WM Project

16

Docket No.

PDR

LPDR

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Dear Robert:

Subject: Meeting with DOE/NPO and ONWI, March 9, 1984.

Per our telephone conversation today, I am enclosing a tentative agenda for the subject meeting between ourselves and representatives of the DOE Nuclear Project Office (NPO) and the Office of Nuclear Waste Isolation (ONWI). I would be grateful if you could help us arrange this meeting.

After you have had a chance to speak with Michael McNeil and pulse the DOE on this matter, please advise me as to what steps we need to take to help set up the meeting.
Thank you.

Very Truly Yours,

Dennis R Floyd

Dennis R. Floyd

cc M.B. McNeil, w. encl.

Enclosure

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DRAFT AGENDA

Proposed Meeting Between Manufacturing Sciences Corp. (MSC)

and

DOE/NPO and ONWI

March 9, 1984

OBJECTIVE

MSC is preparing a work plan for a research project on the effect of manufacturing processes on failure of high level waste containers. The desired result of this work is to provide the NRC with knowledge that will prove helpful in assessing licensing applications made by the DOE in conformance with provisions of 10 CFR 60.

MSC is anxious that this research be relevant and not redundant. The purpose of the meeting, therefore, is to share with appropriate persons from DOE/NPO and ONWI our initial thinking regarding the work plan and to learn from them which materials and processes are most likely to be used to manufacture and weld waste containers within their purview. A further purpose is for MSC to become acquainted with DOE/NPO and ONWI personnel so that the issues of relevancy and non-redundancy can be dealt with on a continuing basis in accord with accepted protocol.

APPROACH

<u>Topic</u>	<u>Speaker</u>	<u>Time</u>
1. Introduction --- Background on MSC --- Objective of this research ---General approach	Dennis Floyd	15 min.
2. Description of Tentative Work Plan --- Baseline Designs --- Candidate Manufacturing Processes --- Key Manufacturing Variables --- Failure Criteria --- Experimental Approach	Alan Liby	60 min.
3. Overview of DOE/NPO Role --- General --- Specific to Waste Package ---Relation to Proposed NRC/MS C Work	?	20 min.
4. Status of Related ONWI Work --- Baseline Design --- Failure Investigations --- Plans to Manufacture Prototype Containers	?	60 min.
5. Discussion of Proposed MSC Research	All	60 min.
6. Tour of BCL Facilities Used for Failure-Related Research	?	