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MEMORANDUM FOR: The Record

FROM: Michael J. Bell, Chief
High-Level Waste Licensing
Management Branch
Division of Waste Management

SUBJECT: MINUTES OF MEETING WITH DOE STAFF AND CONTRACTORS ON
ENVIRONMENTAL ASSESSMENT AND DRAFT FINDING OF NO
SIGNIFICANT IMPACT ON USE OF BOROSILICATE GLASS IN
DEFENSE WASTE PROCESSING FACILITY

NRC and DOE staff met on September 3, 1982, to discuss NRC concerns on the above documents. A list of attendees and a copy of the meeting minutes are attached.

ORIGINAL SIGNED BY

Michael J. Bell, Chief
High-Level Waste Licensing
Management Branch
Division of Waste Management

Enclosures:
As stated

cc: S. Cowan, DOE/HQ

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Minutes of Meeting
September 3, 1982
With DOE & SRL on DWPF Finding of
No Significant Impact on Selection of
Borosilicate Glass

NRC was briefed by DOE and SRL on the process that led up to selection of borosilicate glass as the waste form for DWPF. NRC staff identified a number of concerns that they had regarding the Federal Register Notice and the supporting Environmental Assessment. NRC staff stated that the data were not adequate to support the finding that borosilicate glass as a waste form alone was capable of meeting proposed NRC release rate performance criteria. The final notice will be revised by DOE to state that borosilicate glass as part of the waste package is capable of meeting the NRC criteria.

It was agreed that additional testing of waste forms as part of a waste package design under repository conditions is needed to confirm the finding and it was agreed that NRC staff should be involved in reviewing the kinds of tests that should be run to obtain such data. Tom Hindman of DOE, SRO, will be the contact for interfacing with NRC on this issue for DWPF.

List of Attendees

R. Browning - NRC
M. Lawrence - DOE
S. P. Cowan - DOE, HQ
J. B. Martin - NRC
D. Schweitzer - BNL
M. J. Bell - NRC
C. R. Cooley - DOE
D. LeClaire - DOE/HQ
T. Hindman - DOE/SR
J. Kelley - DuPont
J. Crandall - DuPont