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JTB 05/12/86 M2 SINGH

- 1 -

Dr. Madan Singh  
Engineers International, Inc.  
98 E. Naperville Road  
Westmont, IL 60559-1595

RE: Review of DOE Document in preparation of FEA Review

Distribution:  
WM file:  
WMEG r/f  
NMSS r/f  
REBrowning  
MJBell  
JGreeves  
MNataraja  
JBuckley  
TJohnson  
MTokar  
JLinehan  
PJustus  
MKnapp  
JBunting  
EDavis  
NStill  
SBilhorn

Dear Dr Singh:

I am requesting that Engineers International, Inc. (EI) review the following documents:

B12	Baker, S. M., 1985. <u>A Preliminary Assessment of Water Inflow into Proposed Excavations in the Cohasset Flow Interior, SD-BWI-TI-274, Rockwell Hanford Operations, Richland, Washington. (Ch. 6, CRD C.8)</u>	MF 1708
B258	Barton, N., 1986. <u>Rock Mass Quality and Support Recommendations for Basalt at the Candidate Repository Horizon, Based on the Q-System, SD-BWI-ER-012 Rev. 2, Rockwell Hanford Operations, Richland, Washington. (Ch. 6, CRD C.5, C.8)</u>	MF 1989
B266	Cross, R. W., and K. R. Fairchild, 1985. <u>Geologic Thickness Data--Candidate Repository Horizons, SD-BWI-DP-011 Rev. 2, Rockwell Hanford Operations, Richland, Washington. (Ch. 3, 6)</u>	MF 1900
B338	Fredenburg, E. A., and J. C. Sonnichsen, 1985. <u>Performance Assessment in Support of Task V Engineering Studies 5, 6, 7, and 9, SD-BWI-ER-006, Rockwell Hanford Operations, Richland, Washington. (Ch. 6)</u>	MF 1958
B87	Gregory, E. C., and K. Kim, 1981. <u>Preliminary Results of Full Scale Heater Tests at NSTF, RHO-BWI-SA-123, Rockwell Hanford Operations, Richland, Washington. (CRD C.5)</u>	12 MF 1891
B131	Mitchell, S. J., 1986. "Evaluation of Damaged Rock Zone Around Repository Openings," computational brief, J. F. T. Agapito and Associates for Rockwell Hanford Operations, Richland, Washington. (Ch. , CRD C.8)	MF 1803

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WM Project 10, 11, 16  
Docket No.         
PDR ✓

DFC : WMEG	: WMEG	:	:	Distribution:	:	:	:	:	:
NAME : JBuckley/km	: MNataraja	:	:		:	:	:	:	:
DATE : 05/12/86	: 05/13/86	:	:	(Return to WM, 622-86)	:	:	:	:	:

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- B374 Sublette, W. R., 1983B. Rock Mechanics Data Package, MF 2492  
SD-BWI-DP-041, Rockwell Hanford Operations, Richland,  
Washington (CRD C.5)
- B214 Vasey, J., 1983. "Design and Support of Excavations MF 2537  
Subjected to High Horizontal Stress," Proceedings of the  
First International Conference on Stability in Underground  
Mining, C. O. Browner (ed.), American Institute of Mining,  
Metallurgical, and Petroleum Engineers, Inc., Vancouver,  
British Columbia, Canada, August 1982, pp. 429-449.  
(CRD C.8)

These documents should be reviewed in accordance with the requirements set for in Subtask 1 of Task Order 007 of NRC contract NRC-02-84-002. The documents stated above have been sent to EI under separate cover. Each document review shall take no longer than three (3) staff days to complete. If you have any questions regarding the contents of this letter please call me at (301) 427-4544.

Sincerely,

15/  
John T. Buckley  
Engineering Branch  
Division of Waste Management, NMSS

cc: Marie Page

FC :WMEG	:WMEG	:	:	:	:	:
AME :JBuckley/km	:MNataraja	:	:	:	:	:
ATE :05/12/86	:05/13/86	:	:	:	:	: