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WM 16 (2)

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

WM DOCKET CONTROL CENTER

JAN 8 1987

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MEMORANDUM FOR: John Voglewede
FROM: Michael McNeil
SUBJECT: STRESS CORROSION CRACKING OF CARBON STEELS

On December 16-17, John Beavers attended a stress corrosion cracking workshop at Battelle's Seattle Research Center. I attach the program and Dr. Beavers' trip report.

I think the casual remark that the welds need to be stress relieved (which has a parallel in Dr. Marsh's presentation on the U.K. program given at the December 1985 MRS nuclear waste meeting) is disturbing. I have tried to envision a practical way of stress relieving welds in DOE salt and basalt design overpacks, without a great deal of success.

As you know, our welding program is on hold pending a clearer view of our FY 1988 budget and a resolution of the FFRDC question, but I do think that it is something that ought to be raised with DOE at a future meeting or Appendix 7 visit.

Michael McNeil
Michael McNeil
Waste Management Branch
Division of Engineering Safety, RES

Enclosure:
As stated

WM Record File
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WM Project 16
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