

106 LPDR  
WM 16 (2)

*C. F. ...*



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

WM DOCKET CONTROL  
CENTER

JAN 8 1987

'87 FEB 24 12:43

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  
106

WM Project 16  
Docket No. \_\_\_\_\_  
PDR   
X LPDR

8703310248 870108  
PDR WASTE  
WM-16 EDR

Distribution:  
Voglewede  
(Return to WM, 623-SS) Sac

1553