

rel

**From:** Ellis Merschoff  
**To:** Gary Holahan; Jim Dyer; Mark Kirk; Michael Mayfield  
**Date:** 9/12/02 2:08PM  
**Subject:** Davis Besse

Mike,

Ian Barnes is a former Region IV metallurgical engineer who we have brought back as a consultant. As luck would have it, he was involved, and did a study (attached) in 1973 of defects in the SS clad on the Midland or Davis Besse vessel.

This study may help you in assessing the acceptability of the ORNL assumption that the clad can be considered defect free for their ABAQUS analysis. As you will see, a substantial number of linear indications were noted on the vessel. Based on this study, it seems defects in the deposited cladding were not uncommon.

I hope this helps you in your efforts to assure the assumptions used for this study are appropriate. If we can be of any help, or you would like to discuss this report with the author, just let us know.

Regards,

Ellis

**From:** Ian Barnes  
**To:** Collins, Elmo; Merschoff, Ellis  
**Date:** 9/13/02 1:32PM  
**Subject:** 1973 REPORT

I have just communicated with a B&W Mt. Vernon alumni regarding which plant B&W Contract 620-0014 was applicable. I received an immediate answer and it was Davis Besse. The Midland Contracts were 620-0012 and 620-0013. Funny how life turns out.

Q14