

APR 17 1985

MEMORANDUM FOR: Robert A. Gramm, Resident Inspector, Nine Mile Point 2  
THRU: Jacque P. Durr, Chief, Engineering Branch, DRS *JD 4/16/85*  
FROM: Harry W. Kerch, Senior Reactor Engineer, M&PS, EB, DRS  
SUBJECT: REVIEW OF NINE MILE NO. 2 RADIOGRAPHIC SAMPLING PLAN

Licensee's review's of Nine Mile No. 2 weld radiographs, revealed identical radiographs for CS #25-7 FW015 and CS #25-7 FW017, however, both welds were signed off as acceptable to ASME Section III code. This indicated that one of the welds had not been radiographed. As a result of the above condition, the licensee conducted an investigation and uncovered another case; weld RHR 66-8 revealed FW 6 had been radiographed two times and FW 7 had not been radiographed, both welds had been signed off as acceptable.

The licensee developed a radiographic sampling plan to provide assurance that the original weld radiographs on file reflect the actual weld radiographed. A selection of 60 welds for the sample lot size of 691 affected welds was used. Computer generated random numbers identified the welds to be selected for re-radiography. A comparison of the original radiographs and the re-radiographs was made in order to establish correlation of radiographed welds. Positive correlation of fifty nine (59) file original radiographs and re-radiographs was achieved and verified by the NRC inspector. One weld, re-radiographs of weld 31-4FSW004, did not match the original weld radiographs on file. The licensee is investigating this problem and has determined that SW004 is SW007 and vice versa. He believes it is a case of mislabeled radiographs by the operator. To complicate matters, SW007 has been cut out and replaced with FW15. This prevents re-radiography of weld SW007 in order to conclusively verify this problem. This item remains open pending completion of the licensee's evaluation and NRC review.

*for Jacque Durr*  
Harry W. Kerch  
Senior Reactor Engineer

*for* *JD*  
RI:DRS  
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4/16/85

*JD*  
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4/16/85

*JD 4/12*

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