

NOV 2 1982

50-444

MEMORANDUM FOR: Edward L. Jordan, Director
 Division of Engineering and Quality Assurance, IE

FROM: Richard H. Vollmer, Director
 Division of Engineering, NRR

SUBJECT: DRAFT POSITION ON CADWELD SPLICE SAMPLING FOR CONTAINMENT
 DOME AT SEABROOK STATION UNIT 2

This is in response to your memo of October 18, 1982 on the above subject. We are in full agreement with your position (contained in Enclosure 3 of your October 18, 1982 memo) that the licensee should be allowed to proceed with a Cadweld sampling and testing program for curved bar splices in the dome using only sister spliees. Our bases for agreement rests in the knowledge that the results of production tests for curved bar splices are very likely to be compromised by the fact that the bars are bent. The sister splices made on straight bars therefore provide more meaningful data and should be the standard by which the quality of the Cadweld process is judged.

We have reviewed the test data for the 9,102 Cadweld splices that were cited in your memo. We agree, based on this review, that reduction of the required test frequencies for production splices is appropriate in light of the excellent record to date. We are concerned, however, that total elimination of production splice testing may not be prudent. Since a number of groups within the NRC, and possibly the nuclear industry, could provide input to resolve this matter we recommend that further discussions be initiated to allow an exchange of ideas regarding future Cadweld test programs. We will be happy to participate in these discussions; Dr. John S. Ma from the Structural Engineering Branch will be the DE contact for this matter.

Richard H. Vollmer, Director
 Division of Engineering, NRR

- cc: R. L. Baer, IE
- R. E. Shewmaker, IE
- G. A. Arlotto, RES
- W. F. Anderson, RES
- F. J. Miraglia, DL
- L. L. Wheeler, DL
- J. P. Knight, DE
- F. P. Schauer, DE
- D. C. Jeng, DE
- J. S. Ma, DE

*SEE PREVIOUS CONCURRENCE

8211090631 CF	821102 ADOCK 05000444 CF	*DE:SEB JMa	*DE:SEB DJeng	*DE:SEB FPSchauer	*DE:AD/CSE JPKnight	DE: [Signature] RHVollmer
DATE		10/29/82	10/29/82	10/29/82	10/29/82	11/7/82

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DATE	10/28/82	10/28/82	10/28/82	10/28/82	10/28/82