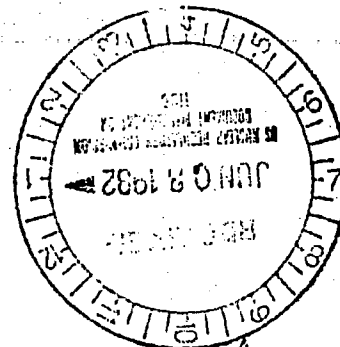


MAY 28 1982



50-458

MEMORANDUM FOR: H. Silver, ORB #4, DL

FROM: Franz P. Schauer, Chief, SEB, DE

SUBJECT: REQUEST FOR CONTRACTOR ASSISTANCE FOR REVIEW OF CADWELD SPLICE SYSTEM FOR RIVER BEND FSAR REVIEW

The tentative Work Assignment for review of CADWELD Splice System is forwarded for inclusion in the SAI contract. We estimate that about 40 man days will be required for this task.

Original signed by

Franz P. Schauer, Chief
Structural Engineering Branch
Division of Engineering

Enclosure: As Stated

DISTRIBUTION:
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	5/17/82	5/27/82	5/ /82				

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TENTATIVE WORK ASSIGNMENT

REVIEW CADWELD REINFORCING BAR SPLICING SYSTEM

A. BACKGROUND

Reinforcing steel for tension elements of reinforced concrete requires direct, positive coupling of adjoining elements with conformance to specific performance standards. The CADWELD splicing system is currently approved to such standards although such approval as well as the background supporting approval is not systematically documented in a single report.

B. OBJECTIVES

To produce a single report documenting the performance data, specification conformance and background leading to approval of the CADWELD splicing system.

C. STATUS

Although currently approved for use in Category I structures such approval is fragmented and supporting background is not available in one reference. River Bend is using this device in large quantities at this time.

d. PLANTS AFFECTED

River Bend Station, for the purpose of this investigation, is chosen as the specific plant of interest. Other plants are using this splice system.

E. SCHEDULE

- | | <u>Completed Within</u> |
|--|---------------------------------------|
| 1. Review submittals for completeness and provide letters to NRC requesting additional information if it is needed. (Task 1) | One month |
| 2. Perform technical review of licensee's submittals and prepare draft TER (Task 2) | Three weeks after Task 1 is completed |
| 3. NRC review of draft TER after receipt | One week after 2. |

- | | <u>Completed Within</u> |
|--|-------------------------|
| 4. Complete final TERs (Task 2) | Two weeks after 3. |
| 5. Time for licensee to respond to a request for information | Two weeks after 4. |

F. SPECIFIC TASKS

Task 1 - Review the Proposed system and related test results to ascertain the extent of compliance with the standard and related performance requirements.

Task 2 - Prepare a technical evaluation report. The TER format shall be based on an outline submitted in advance to the NRC lead engineer for comment/approval. If the contractor determines that additional information is required before he can make a technical judgment, a formal request for additional information will be prepared and the TER will be delayed until the additional information is received and reviewed. If the contractor determines that, without benefit of additional information, he can conclude that a licensee's response is adequate, the contractor shall immediately provide a TER which includes a summary of each satisfactory and unsatisfactory item.