

JUL 30 1982

MEMORANDUM FOR: FILE - Docket No. 50-289
FROM: Stewart D. Ebnetter, Chief
Engineering Programs Branch
SUBJECT: MEETING - TMI-1 STEAM GENERATOR REPAIR

Purpose of Meeting

A meeting was held at the Foster-Wheeler (F-W) offices located in Livingston, New Jersey on July 21, 1982 to discuss the qualification test program for the F-W sleeving process to be used in the TMI-1 steam generator restoration program. The objectives of the meeting were to:

1. Present status of GPU, B&W and F-W sleeving program.
2. Coordinate GPU program with NRC contractor program.

Attendees

- NRC
S. D. Ebnetter - Region I
R. Jacobs - NRR
C. McCracken - NRR
- General Public Utilities (GPU)
M. J. Graham - Licensing
- Babcock and Wilcox (B&W)
Philip Troy
R. Coe
- Foster Wheeler (F-W)
David Pai
Irwin Berman
C. F. Nash
Wayne Schroeder
K. S. Ahluwalia
- Franklin Research Center (FRC)
Ted Shook
Charles T. Davey

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PDR FOIA
DETJEN84-897 PDR

Agenda

The meeting agenda is attached hereto as enclosure 1.

Significant Items

- The B&W test program should provide objective data to support a confidence level of 99% in the sleeving process based on quantitative pull test loads and leak rate tests.
- B&W test blocks are in preparation. Blocks C, D and E are on the critical path to demonstrate acceptability prior to initiation of repairs. See attached schedule - enclosure 2.
- B&W will prepare test blocks for the NRC program and F-W. These blocks are behind schedule.
- Preliminary tests and evaluation by B&W and F-W have been positive. Acceptance criteria for pullout tests and leak rate have been met. The expansion length has been established and explosive charge volumes determined. F-W and B&W are ready to proceed to the QA controlled test program.
- The QA controlled test program sequence, applied stress and sample size have been determined. Minor changes may be made as a result of NRC concerns. The test program details, including procedures, are considered proprietary and will be transmitted to NRC with the appropriate affidavit in accordance with 10 CFR 2.790 provisions.
- A meeting is scheduled at TMI-1 on August 29, 1982 to discuss eddy current test results.
- There will be a demonstration of the F-W explosively expanded sleeving process on a mock up SG at B&W, Mt. Vernon, Indiana facility on August 5, 1982.

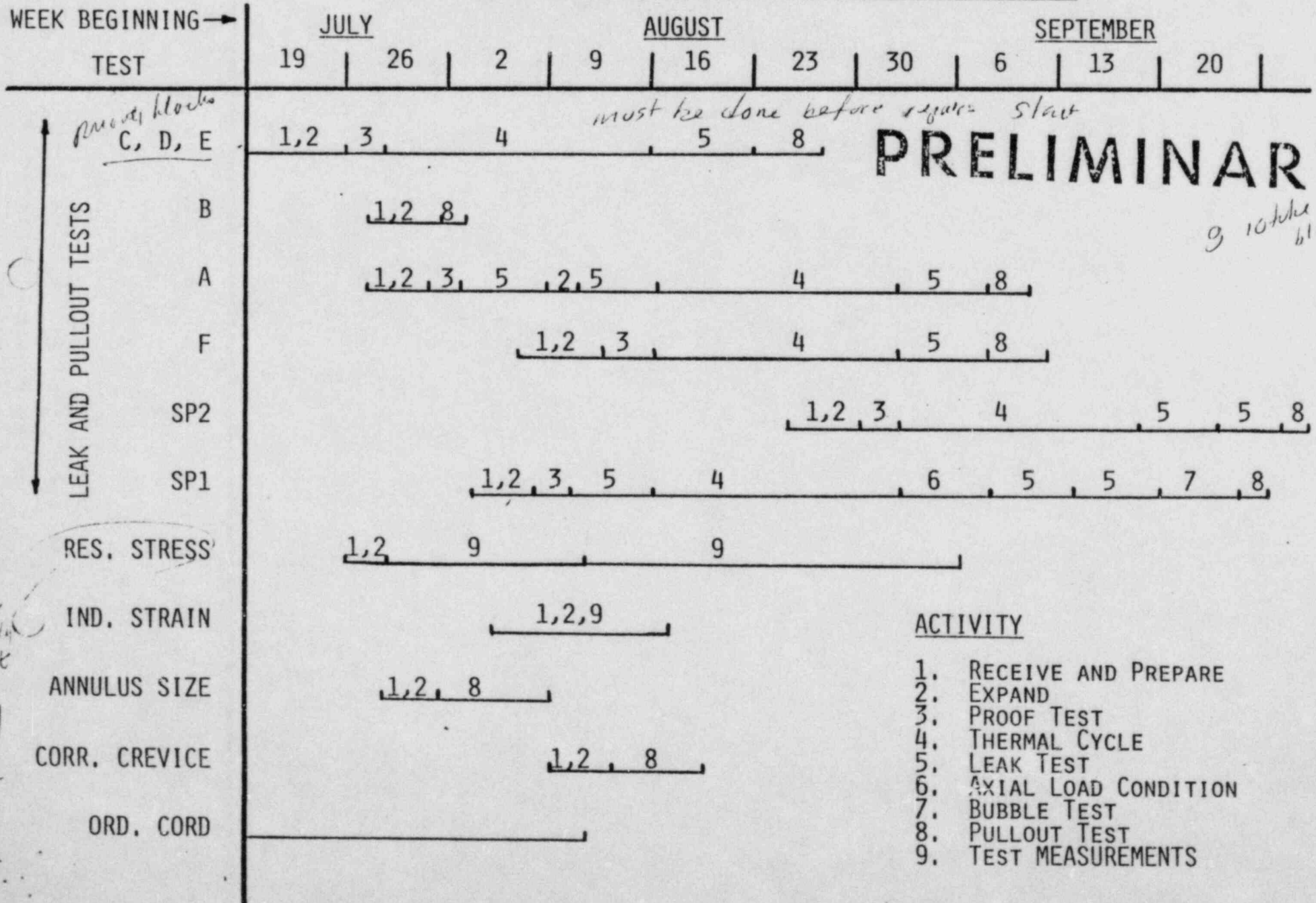
S. D. Ebnetter

Stewart D. Ebnetter, Chief
Engineering Programs Branch

cc:

T. T. Martin
R. W. Starostecki
H. Gray ✓
J. P. Durr

TMI-1 TUBE REPAIR QUALIFICATION PROGRAM SCHEDULE



NRC/FRANKLIN INSTITUTE

JULY 21, 1982

MEETING AGENDA

- (1) DECISIONS MADE TO-DATE WITH REGARD TO THE REPAIR PROGRAM AND THOSE REMAINING.
- (2) STATUS OF QUALIFICATION PROGRAM.
- (3) PRELIMINARY RESULTS OF THE QUALIFICATION PROGRAM.
- (4) SCHEDULE OF THE QUALIFICATION PROGRAM.
- (5) DATE FOR FRANKLIN INSTITUTE'S RECEIPT OF TEST BLOCKS.
- (6) PROCEDURES AVAILABLE FOR FRANKLIN INSTITUTE INFORMATION.

J Durr

2/15/82

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A meeting is scheduled
at GPU Parsip for
7/21 ~ 10 A re "Details
on final qualification
process for S.G. tube
repair." Pls advise me
of your availability
to attend.

Lee Kenning 2/16