

THE BABCOCK & WILCOX COMPANY  
POWER GENERATION GROUP

R. R. BEACH  
NOV 20 1972

To | R. R. BEACH - MANAGER - FIELD OPERATIONS

From | R. H. Wessman/jc.d.  
R. H. WESSMAN - SITE OPERATIONS ENGINEER (2460)

884 443-5

Cust. METROPOLITAN EDISON COMPANY - TMI-1

File No. HSS-5  
or Ref. 12H2

Subj. WEEKLY PROGRESS REPORT (11/10/72 THROUGH 11/17/72)

Date NOVEMBER 20, 1972

This letter is for your use only and is not subject to copyright.

I. Major Events:

1. A problem concerning GAI incorporation of B&W revisions to drawings has surfaced. Many B&W drawing revisions involving plant interface in the electrical/instrumentation area have not been incorporated by GAI; some gaps have existed for nearly two years. The affect of using out-of-date drawings on cable routing, cable pulling schedules, and terminations has not yet been evaluated. Terminations to the computer and the CRD system have been put in "hold" until the drawing problem can be resolved. GAI and GPU have made an initial appraisal in the CRD area and work is in progress to rectify disparities. The 2/6/71 revision of the computer termination listing of 7/30/70 has not been incorporated by GAI. Possible problems exist with mechanical systems drawings as well.

II. Activities:

1. Preparations for commencing CRDM erection on the reactor vessel head are in full swing. UE&C has retained the services of Mr. R. Kendig (DPSCo) to advise them concerning field erection and a written procedure has been approved. The general configuration of the enclosure on the top of the service structure is superior to Oconee; roomier, better "trap doors", more head room, etc. No paint problems on head service structure exist. The CRDM nozzle seal ring grooves are being checked. (in the light of an Arkansas SPR). Some problems with proper drawings exist (relates to problem noted above). CRDM erection is expected to start by December 1. About 60% of the CRDM's are on-site.
2. E. W. Eward has directed UE&C to pull RCP motor power cables to position "D" (after B&W/GPU instigation). Actual pulling date is unknown but the existence of power at a second RCP motor would facilitate motor testing and resolution of various RCP motor problems. Position "D" has one of the motors that displayed lube oil system pressure oscillations during coastdown.
3. Our efforts to input scheduling advice to GPU startup may start to bear fruit. Using various information documents from Arkansas, SMUD and Oconee, Mr. Mitchell is conducting a review of GPU's startup schedule. They are becoming more receptive to our critical path concept. Mr. S. Puckett (UE&C startup) has been put in charge of construction scheduling and promises some schedule information in

GPU  
Def. Exh. For ID 414  
Plt. Exh. In Ev-  
Charles Shapiro CSR 11/14/82  
Cable Reporting Inc

8307060582 721120  
PDR ADOCK 05000289  
R HOL

C9 2 5 5 1 4

0186

1150300

R. R. Beach

-2-

November 20, 1972

about a week. Puckett's duties in startup have been assumed by Mr. Neal Dillon.

4. Two more documents were delivered to GPU and three or four more should deliver by the end of November. Our attentions will soon be directed toward updating DP's and reviewing Met Ed created operating procedures. Most technical updates to test specifications will be incorporated into test procedure reviews.
5. Conducted an additional megger test on 11/14/72 on one pressurizer heater (element 100D). GPU has asserted that elements 100D and 179 are not up to specification and B&W requested a megger test, witnessed by our personnel. After an initial reading of 150 megohms element 100 D was heated for about fifteen minutes and hot and cold readings of 12,000 megohms and  $2.0 \times 10^6$  ohms obtained. Element 179 was not tested due to accessibility problems. Mr. W. F. Schmauss of GPU advised us verbally that on the basis of test results taken by GPU on 10/24/72 (not witnessed by B&W) the heater elements 179 and 100 D were still considered defective. (Project Management is following this item.)
6. The 855 computer bulk memory switches were fixed, ending this minor problem. BMCo brought in Ron Hancock of Digital Development Company to effect the fix.
7. Work has commenced on the RV ICM nozzle welding. Two shifts (three qualified welders each) started on 11/17. ICM tube weld repair continues and about 50% of the defective welds have been repaired.
8. The last two SF pool racks are in the final process of installation. RE racks are not yet installed.
9. The RBS pumps have been removed from the auxiliary building and will ship back to the factory for refurbishment and testing next week.

### III. Problems:

1. One SPR was submitted.
2. GAI drawings (see Item I.1).
3. Pressurizer heaters (see Item III-5).

### IV. Schedule:

1. A BMCO service representative is expected November 27 to commence F.C.'s 10001-5.
2. TWG meeting No. 44 is scheduled for Tuesday, November 21.

CONFIDENTIAL

C9

205155

0186

106131

R. R. Beach

-3-

November 20, 1972

3. UE&C expects to apply power to the SF pool bridge in a couple of weeks. J. Dossett is to come on ~~site~~ prior to power application to give advice as to the bridge's state of readiness for power application.

RHW/ea

cc: J. D. Phinney  
Site Office

C9

6/5/54

0186

11/6/72