June 8, 1978

MEMORANDUM

TO: 359/Assistant Head, Transonic Aerodynamics Branch, STAD
FROM: 436/Assistant Chief, Research Facilities Engineering Division
SUBJECT: 8-Ft. TPT Shutdown Scheduled for September 1978

A meeting was held June 6, 1978, to discuss the subject shutdown. Attendees were T. Kelly, C. Schrum, C. Kirby, E. Lingenfelser, J. Nichols, and F. Mershon. The items discussed, with agreements reached, are listed as follows:

1. Replacement of tunnel drying system compressors (Worthington). (Two Trane units on hand.)

   The magnitude of the job makes it impossible to do during the September 1978 shutdown. E. Lingenfelser has the action to determine funding and schedule requirements for future planning by June 20.

2. Replacement of three tunnel cooling water pumps. (Pumps on hand.)

   This can be done during the shutdown period. The cost is estimated to be $8-10K, and T. Kelly is to determine the availability of funds.

3. Replacement of main lube system cooler. (Delivery expected 6-13 weeks; MESS ordering.)

   Engineering agrees with the scheduling of this item.

4. Overhaul 10,000 CFM Clark Compressor.

   The best approach is to use the shutdown for an inspection by the manufacturer. B. Owens is to make arrangements for Clark's inspection and recommendations, which will be used for future shutdown planning.
5. Put 3000 CFM Compressor in serviceable condition.

   Engineering agrees.

6. Replace 10,000 CFM Compressor pre-cooler and after cooler.

   There is not enough time to do this during the September shutdown even if funds of approximately $25K were available. This should be planned for the 1980 shutdown.


   Engineering agrees with rebonding A-2 machine wedges.

8. Downstream shaft bearing babbitt loose.

   Engineering agrees that the downstream shaft bearing should be repoured.

Frank E. Mershon
4562

cc:
387/Forrest/Rowe
166A/Foretich
437/Bland
359/Kelly
166B/Nichols
357/Schrum
441/Kirby
443/Lingenfelser