

THE BABCOCK & WILCOX COMPANY  
POWER GENERATION GROUP

6/298  
SITE INSTRUCTION NO. \_\_\_\_\_  
DISTRIBUTION \_\_\_\_\_ 6  
RESPONSE REQ'D FROM \_\_\_\_\_ 6  
APPROVED *W. Spangler* 3/26/79  
BDS 663.5  
File No. or Ref. T3.5  
Date March 26, 1979

From L. C. Rogers, Site Operations Manager, TMI-2  
R. C. Twilley, Plant Performance Services Section  
Cust. TMI-2  
Subj. TMI-2 Loop A Gentile Performance

This letter to cover one customer and one subject only.

Due to the degraded signal from the Loop A Gentile Flowmeter, B&W recommends limiting operation of TMI-2 to 98% FP. This is based on the fact that data from the device indicates the possibility of a longer delay time than that observed previously.

The delay time may still be within the limit assumed in the safety analysis. However, additional coastdown data is necessary to confirm this. Specifically, a four pump coastdown from HZP conditions must be performed. This particular case must be run because a baseline case, prior to the degradation, exists which can be used to determine, by comparison, any change in delay time. Data should be taken per TP 200.12. Gentile  $\Delta P$ 's should be recorded at a minimum of 0.2 sec. intervals along with a means of determining the time of pump trip (1.).

Based on Lynchburg Engineering's evaluation of this data, B&W may be able to justify operation at 100% FP.

*R. C. Twilley*  
R. C. Twilley

RCT/fch

- cc: D. F. Hallman
- J. F. Walters
- R. W. Winks
- W. H. Spangler
- J. A. Lind
- J. R. Bohart
- E. A. Womack
- R. O. Vosburgh
- Records Center

REVIEWED FOR ACCURACY	
ENGINEERING: <i>R. W. Winks</i>	DATE: 3/26/79
NUCLEAR SERVICE: <i>J. F. Walters</i>	DATE: 3/26/79

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T O L C ROGERS SOM  
THREE MILE ISLAND - II (NSS-6)

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R. C. TWILLEY  
PLANT PERFORMANCE SERVICES

SU O SI # 6/298 TMI-2 LOOP A GENTILE PERFORMANCE

DATE MARCH 20, 1979

FOLD —

PLEASE REPLY TO THE ATTACHED S.I.P.  
AND FORWARD RESPONSE TO NUCLEAR SERVICE  
TECHNICAL SUPPORT, NSSE  
LYNCHBURG, VA.

ORIGINATOR-DO NOT WRITE BELOW THIS LINE

SIGNED

*Neil Boatright*

SIGNED