

SITE INSTRUCTION NO. 6/159

THE BABCOCK & WILCOX COMPANY
POWER GENERATION GROUP

DISTRIBUTION 6

TO L. C. Rogers - Site Operations Manager, Three Mile Island 2

RESPONSE REQ'D FROM 6

APPROVED *R. P. Williamson*

From R. P. Williamson - Plant Startup Services Section (3180)

W.H. SPANGLER 12/13/77

BDS 663.5

Cust. JCP&L

File No. NSS-6/T3.5
or Ref.

Subj. Allowable RC Flow Rates - Correction to SI 6/108

Date Dec. 9, 1977

This letter to cover one customer and one subject only.

The maximum allowable RC flow rate through the reactor core with four RC pumps operating is incorrectly specified in SI 6/108 as 430,600 gpm. The calculated flow rate to initiate core lift is 410,000 gpm at an RC temperature of 520°F. As RC temperatures increase above 520°F, the core lift force will decrease for a constant volumetric RC flow rate. The maximum expected RC flow rate is 393,600 gpm, thus leaving an expected margin of 4.2%.

Please advise the customer of these revised values. Contact R. W. Winks or myself if there are any questions on this instruction.

RPW:NF

- cc: W. H. Spangler
- L. R. Pletke
- K. R. Ellison
- D. F. Hallman
- R. W. Winks
- J. D. Dempsey
- G. A. Meyer
- J. R. Bohart
- W. E. Perks
- Records Center

REVIEWED FOR ACCURACY	
ENGINEERING: <i>Robert Winks</i>	DATE: <i>12/9/77</i>
NUCLEAR SERVICE: <i>William J. Ellison</i>	DATE: <i>12/13/77</i>

8002100038 P

TO: SUBJ

F: L. C. Rogers SOM
R: TMI II (NSS-6)
O:
M:

T: R. P. Williamson
O: Plant Startup Services

SUBJECT: SI# 6/159 ALLOWABLE RC FLOW RATES - CORRECTION TO SI# 6/108 DATE: 12-13-77

FOLD -

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

L.C. Rogers

ORIGINATOR-DO NOT WRITE BELOW THIS LINE

REPLY TO →

SIGNED *Michael D. Hannigan*

*Customer informed via SOM-II-096
a copy of the letter is attached for your
reference.*

SEE ATTACHED

Sp

RESPONSE APPROVED:

R.P. Williamson *1/9/78*
ORIGINATOR DATE

DATE: 12-20-77

SIGNED: *Sp*

POOR ORIGINAL

RETURN THE COPY TO SENDER