

ILLINOIS POWER COMPANY



U-0487  
L30-82(05-25)-6  
500 SOUTH 27TH STREET, DECATUR, ILLINOIS 62525

May 25, 1982

Mr. James R. Miller, Chief  
Standardization & Special Projects Branch  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

ar Mr. Miller:

Clinton Power Station Unit 1  
Docket No. 50-461

The control room design review was conducted by NRC Human Factors Engineering Branch in November 1981 at the Clinton Power Station. At that time L. S. Brodsky and J. G. Cook, IP discussed with Ms. A. Ramey-Smith, NRC, the alternate ways of providing a common vessel level reference for vessel level measuring devices.

Illinois Power Company has adopted the bottom of the steam dryer skirt as the common reference point. However, in so doing we did not wish for the operators to overlook important information that would be obvious if the scale used the top of active fuel (TAF) as the reference point. Therefore, our proposed meter face includes two scales; one referenced to the bottom of the dryer skirt, the other referenced to the top of active fuel (TAF).

The attached photograph shows the scales mounted in a meter. The true area of the meter face is about four times larger than that in the photograph. A full size copy of the scales is also attached.

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Photo Advanced to:  
J. M. 7/ER

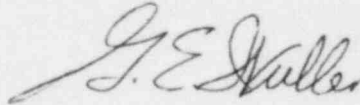
Mr. James R. Miller

-2-

U-0487

Clinton SER paragraph 7.5.3.5 (confirmatory issue #39-TMI item II.K.3.27) requires that the NRC be informed as to our resolution of this issue. These scales are provided as our proposed resolution. Please contact John Cook (217)935-8881, extension-210, if you have any questions concerning this issue.

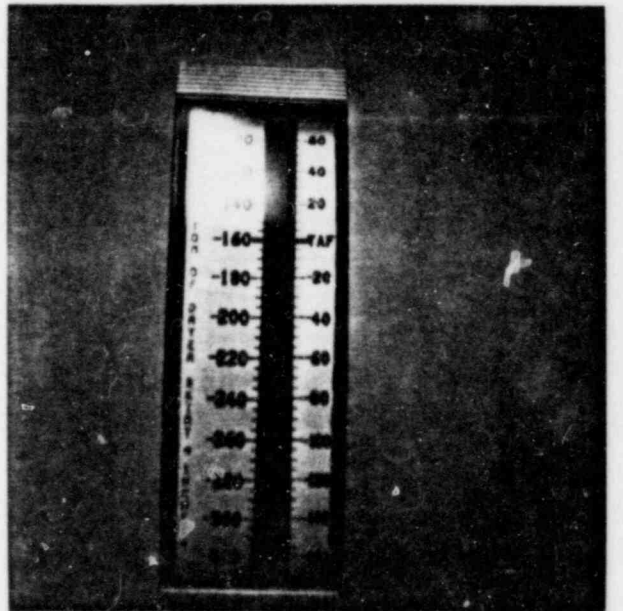
Sincerely,



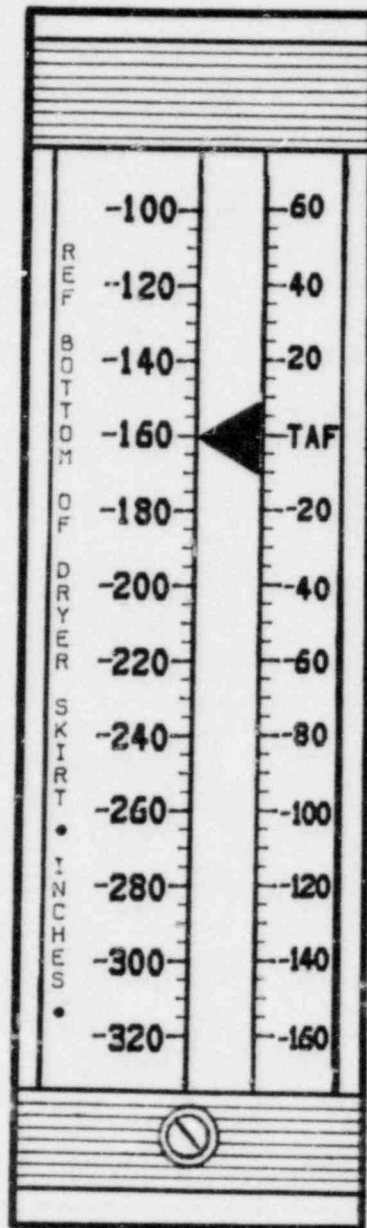
G. E. Wuller  
Supervisor - Licensing  
Nuclear Station Engineering

GEW/lt

cc: Ann Ramey-Smith, NRC Mail Stop 220  
J. H. Williams, NRC Clinton Project Manger (w/o photo)  
H. H. Livermore, NRC Resident Inspector (w/o photo)  
Illinois Department of Nuclear Safety (w/o photo)



Illinois Power Co.  
Clinton Power Station, Unit #1



Main Control Room  
Fuel Zone Water Level Indicator  
Life-Size Dual Scales  
Mounted on GE Type 180 Instrument