



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555  
JAN 24 1984

Daryl Hood  
input

Docket Nos. 50-329/330

MEMORANDUM FOR: Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

FROM: William V. Johnston, Assistant Director  
Materials, Chemical and Environmental Technology  
Division of Engineering

SUBJECT: TASK INTERFACE AGREEMENT 83-78, REGION III  
REQUEST FOR DESIGN ADEQUACY OF THE MIDLAND  
HVAC SYSTEMS (TAC #52311)

*Nestman*  
*1) Call Duane @ home - Hazelton (Seller is a problem)*  
*2) Interfere w/ Hood.*

Task Interface Agreement 83-78 requested technical assistance to Region III from the Mechanical Engineering Branch (MEB) and the Materials Engineering Branch (MTEB), Division of Engineering, regarding the structural design adequacy of the Midland safety related ventilation (HVAC) systems. MTEB performed an on-site review of the materials incorporated into the Midland HVAC system.

The purpose of this review was to verify that the material incorporated into the construction was the material called out in the design and procurement. Additionally, the limited testing performed on a number of metal samples removed from the installed Midland HVAC systems was also reviewed.

In summary, this investigation did not disclose any materials discrepancies that would be expected to cause operating problems with the HVAC system as installed at Midland, although some of the installed material was apparently not in compliance with the appropriate specification.

The MTEB safety analysis input is attached.

*William V. Johnston*  
William V. Johnston, Assistant Director  
Materials, Chemical & Environmental  
Technology  
Division of Engineering

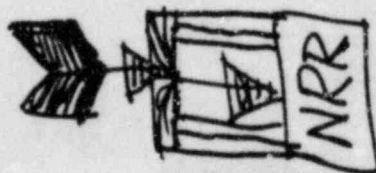
Attachment:  
As Stated

cc: See Page 2

Contact: C. D. Sellers  
X-28049

*84 220 + 509 XA*

JAN 27 1984



*Conclusions*

Thomas M. Novak

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- cc. R. Vollmer
- D. Eisenhut
- T. Novak
- E. Sullivan
- R. Bosnak
- J. P. Knight
- L. Rubenstein
- O. Parr
- E. Adensam
- M. Miller
- D. Hood
- D. Terao
- W. Le Fave
- B. D. Liaw
- S. Pawlicki
- ~~\_\_\_\_\_ III~~
- W. Key, Region III
- W. Hazelton
- R. Klecker
- C. Y. Cheng
- C. D. Sellers

DISTRIBUTION

- DMB - Docket Files
- MTEB Reading Files
- MTEB Midland Files

DE: MTEB *as*  
 C. D. Sellers: jar  
 1/5/84

*W. Hazelton*  
 DE: MTEB  
 W. Hazelton  
 1/13 /84

*B. D. Liaw*  
 DE: MTEB  
 B. D. Liaw  
 1/ 13 /84  
 23

*W. V. Johnston*  
 DE: ADJ MCET  
 W. V. Johnston  
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