



February 14, 1997

JSPLTR: #97-0030

U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attn: Document Control Desk

Subject: Dresden Station Units 2 and 3 Clarification of Commitment Associated
With NCAD Atmospheric Vaporizer For Combustible Gas Control.

- Reference: (a) J. L. Schrage, ComEd, letter to T. E. Murley, USNRC, dated
April 16, 1993
- (b) J. F. Stang, USNRC, letter to D.L. Farrar, ComEd, dated
June 29, 1993

The Nitrogen Containment Atmospheric Dilution (NCAD) system is designed to meet the intent of 10CFR50.44(g) and Generic Letter 84-09 for combustible gas control post LOCA. The purpose of this letter is to provide clarification regarding the proposed design for a new atmospheric vaporizer with a truck connection as stated in References (a) and (b) vs. the final design which utilizes only one vaporizer. In accordance with Reference (a), Attachment "B", the intent of the new atmospheric vaporizer installation was to provide a passive method to vaporize liquid nitrogen supplied from the onsite nitrogen tank or another source (i.e. off site vendors).

A proposed design modification to upgrade the existing NCAD system was sent to the NRC via Reference (a). The proposed design included a new atmospheric vaporizer and a truck connection to receive liquid nitrogen directly from a truck, if required. Section 2.3 of the Safety Evaluation Report issued (Ref. (b)) by the NRC identifies two atmospheric vaporizers. However, during the final design development process, the existing vaporizer was replaced with a new larger atmospheric vaporizer, a 10CFR50.59 was performed to support this modification. The installation meets the intent of the original proposed design and SER.

The atmospheric vaporizer is a passive component. There are no active failure modes associated with it. Therefore, one atmospheric vaporizer with a truck connection would be adequate to meet the intent of 10CFR50.44(g), Generic Letter 84-09, the original proposed design upgrade of the existing NCAD system, and the SER.

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If there are any questions concerning this letter, please refer them to Frank Spangenberg, Dresden Station Regulatory Assurance Manager, at (815) 942-2920, extension 3800.

Sincerely,



J. Stephen Perry
Site Vice President
Dresden Station

cc: A. Bill Beach, Regional Administrator, RIII
P. L. Hiland, Branch Chief, DRPs, RIII
J. F. Stang, Project Manager, NRR (Unit 2/3)
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