



February 5, 1997

JSPLTR 97-0023

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555-0001

**SUBJECT:** Dresden Nuclear Power Station Units 2 and 3  
Application for Amendment to Facility Operating Licenses  
DPR-19 and DPR-25,  
**Error Identified in Amendment to Resolve Issues Related to ECCS  
Suction Strainer Pressure Drop**  
Docket Nos. 50-237 and 50-249

- References:
- (a) J. Stephen Perry letter to U.S. NRC, dated January 13, 1997; Dresden Nuclear Power Station Units 2 and 3, Emergency Application for Amendment Facility Operating Licenses DPR-19 and DPR-25, Amendment to Resolve Issues Related to ECCS Suction Strainer Pressure Drop.
  - (b) J. Stephen Perry letter to U.S. NRC, dated January 17, 1997; Information Regarding Amendment to Resolve Issues Related to ECCS Suction Strainer Pressure Drop.
  - (c) J. Stephen Perry letter to U.S. NRC, dated January 22, 1997 Supplemental Information Regarding Amendment to Resolve Issues Related ECCS Suction Strainer Pressure Drop.
  - (d) J. Stang (U.S. NRC) letter to I. Johnson (ComEd), dated January 28, 1997; NRC Staff Safety Evaluation Report (SER) Approving ComEd's Proposed License Amendment as Documented in References (a), (b) and (c).

Pursuant to 10 CFR 50.90, ComEd amended Facility Operating Licenses DPR-19 and DPR-25 to resolve issues related to ECCS Suction Strainer Pressure Drop. The ComEd request and bases for this amendment were provided in references (a), (b), and (c). The NRC Staff's Safety Evaluation Report (SER) was subsequently provided through reference (d).

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The purpose of this letter is to inform the Staff of an error by ComEd personnel which was transmitted through Reference (b), "Attachment 5, Safety Evaluation Justifying the Proposed Change." There are no changes to the conclusions reached by ComEd in our License Amendment request.

The purpose of the numerical values provided in Attachment 5 was to provide a summary of the changes between the originally calculated NPSHA (Net Positive Suction Head Available) deficiency and the presently calculated NPSHA deficiency. The error is repeated in the original format in the left hand column below and corrected in the right hand column.

	Originally Submitted <u>NPSH</u>	Corrected <u>NPSH</u>
Original NPSH analyses	-3.0 feet	-3.0 feet
Revisions to analyses to incorporate issues raised during 1996 ISI	-2.8 feet	-2.8 feet
NPSH loss due to strainer head loss discovery *	-6.7 feet	-5.7 feet
Subtotal for NPSH margin decrease	-11.5 feet	-11.5 feet
Added NPSH margin due to lower suppression pool/UHS temperatures	+3.6 feet	+ 3.6 feet
Credit for 2 psig containment over pressure (1st 10 minutes)	+4.6 feet	+4.6 feet
Total margin following License Amendment	-3.3 feet	-3.3 feet

\* Strainer Head loss at runout flow


As shown above, an incorrect value was provided for the "NPSH loss due to strainer head loss discovery." This item is actually the "Additional NPSH loss due to strainer head loss discovery", the value originally submitted was the total NPSH loss across the presently installed strainers. Note that the column subtotal and totals were correct, and are consistent with the Safety Evaluation Report issued (Reference d).

USNRC  
February 5, 1997

Page 3

ComEd appreciates the Staff's review of this effort. If there are any questions regarding this issue, please contact Frank Spangenberg of my staff at (815) 942-2920, extension 3800.

Sincerely,



J. Stephen Perry  
Site Vice President  
Dresden Station

cc: A. Bill Beach, Regional Administrator - RIII  
Senior Resident Inspector - Dresden  
J. F. Stang, Project Manager - NRR  
Office of Nuclear Facility Safety - IDNS