



October 24, 1997

U. S. Nuclear Regulatory Commission
Washington, DC 20555

Attn.: Document Control Desk

Subject: Request For Additional Information Regarding
IE Bulletin 96-01: Hydrodynamic Loads on Strainers
Dresden Nuclear Power Station Unit(s) 2 and 3
Quad Cities Nuclear Power Station Units 1 and 2
Facility Operating Licenses DPR-19, DPR-25, DPR-29 and DPR-30
NRC Docket Nos. 50-237/249 and 50-254/265

During a telecon held in September, 1997, the NRC Staff requested ComEd provide additional information on the design methodology used to determine the hydrodynamic loads on the new ECCS strainers used to comply with the subject IE Bulletin. In support of a possible meeting with the Staff, copies of both proprietary and non-proprietary test results to determine the hydrodynamic inertial mass of the new ECCS Suction Strainers are attached as follows:

1. Attachment A provides TR-ECCS-GEN-01 Revision 2 (Proprietary) and TR-ECCS-GEN-01-NP Revision 2 (Non-Proprietary) reports entitled "Hydrodynamic Inertial Mass Testing of ECCS Suction Strainers".
2. Attachment B provides TR-ECCS-GEN-05 Revision 1 (Proprietary) and TR-ECCS-GEN-05-NP Revision 1 (Non-Proprietary) reports entitled "Hydrodynamic Inertial Mass Testing of ECCS Suction Strainers Supplement 1 - Free Vibration Data Analysis".

Please handle proprietary documents according to the requirements of 10CFR 2.790. Please direct any questions on this matter to this office.

Sincerely,

John Hosmer
Engineering Vice President

Attachments

cc: Regional Administrator - RIII
Dresden Station Project Manager - NRR
Quad Cities Station Project Manager - NRR
Dresden Station Senior Resident Inspector
Quad Cities Station Senior Resident Inspector

9711050001 971024
PDR ADOCK 05000237
G PDR

IES7 111

STATE OF ILLINOIS

IN THE MATTER OF

COMMONWEALTH EDISON (COMED) COMPANY

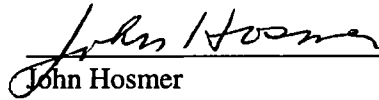
DRESDEN NUCLEAR POWER STATION UNITS 2 AND 3

QUAD CITIES NUCLEAR POWER STATION UNITS 1 AND 2

Docket Nos. 50-237
50-249
50-254
50-265

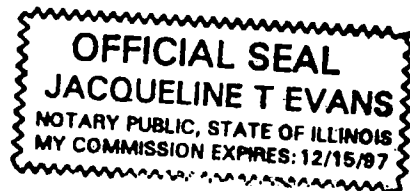
AFFIDAVIT

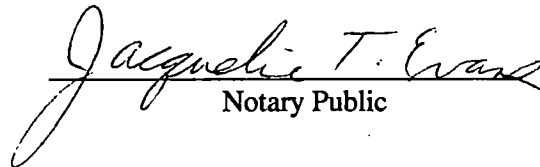
I affirm that the content of this transmittal is true and correct to the best of my knowledge, information and belief.



John Hosmer
Vice President - Engineering

Subscribed and sworn to before me, a Notary Public in and
for the State above named, this 27th day of
October, 1997.





Notary Public

ATTACHMENT A

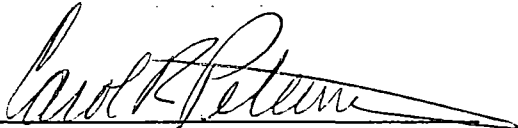
**TC-ECCS-GEN-01
AND
TC-ECCS-GEN-01-NP**

**“HYDRODYNAMIC INERTIAL MASS TESTING
OF ECCS SUCTION STRAINERS”**



AFFIDAVIT OF CAROL R. PETERSON

1. I am Vice President, Midwest Region, Duke Engineering & Services, Inc. ("DE&S"), and as such have the responsibility of reviewing the proprietary information sought to be withheld from public disclosure, and am authorized to apply for its withholding on behalf of DE&S.
2. I am making this affidavit in conformance with the provisions of 10 CFR 2.790 of the regulations of the Nuclear Regulatory Commission ("NRC") and in conjunction with DE&S' application for withholding which accompanies this affidavit.
3. I have knowledge of the criteria used by DE&S in designating information as proprietary or confidential.
4. Pursuant to the provisions of paragraph (b) (4) of 10 CFR 2.790, the following is furnished for consideration by the NRC in determining whether the information sought to be withheld from public disclosure should be withheld.
 - (i) The information sought to be withheld from public disclosure is owned by DE&S and has been held in confidence by DE&S and its consultants.
 - (ii) The information is of a type that would customarily be held in confidence by DE&S. The information consists of DE&S proprietary reports TR-ECCS-GEN-01 and TR-ECCS-GEN-05 dated July 2, 1997 and July 14, 1997 respectively.
 - (iii) The information was transmitted to the NRC in confidence and under the provisions of 10 CFR 2.790, it is to be received in confidence by the NRC.
 - (iv) The information sought to be protected is not available in public to the best of our knowledge and belief.
 - (v) The proprietary information sought to be withheld in this submittal is that which is marked in the proprietary version of the report.


Carol R. Peterson

(continued)




AFFIDAVIT OF CAROL R. PETERSON (Page 2)

- (vi) The proprietary information sought to be withheld from public disclosure has substantial commercial value to DE&S.
 - (a) DE&S' competitive advantage will be lost if its competitors are able to use the results of the DE&S experience to normalize or verify their own process or if they are able to claim an equivalent understanding by demonstrating that they can arrive at the same or similar conclusions.
 - (b) DE&S intends to sell services using the information to nuclear utilities, vendors, and consultants for the purpose of supporting the operation and licensing of nuclear power plants.
 - (c) The information is part of DE&S' comprehensive technology base, and its commercial value extends beyond the original development cost.


5. Public disclosure of this information is likely to cause harm to DE&S because it would allow competitors in the nuclear industry to benefit from the results of a significant development program without requiring a commensurate expense or allowing DE&S to recoup a portion of its expenditures or benefit from the sale of the information.

Carol R. Peterson, being duly sworn, on her oath deposes and says that she is the person who subscribed here name to the foregoing statement, and that the matters and facts set forth in the statement are true.



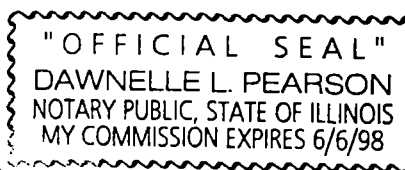
 Carol R. Peterson

Sworn to and subscribed before me this 17 day of October 1997. Witness my hand and official seal.



 Notary Public

My commission expires 6/6/98



ATTACHMENT B

**TC-ECCS-GEN-05
AND
TC-ECCS-GEN-05-NP**

**“HYDRODYNAMIC INERTIAL MASS TESTING
OF ECCS SUCTION STRAINERS
SUPPLEMENT 1 - FREE VIBRATION DATA ANALYSIS”**

AFFIDAVIT OF CAROL R. PETERSON

1. I am Vice President, Midwest Region, Duke Engineering & Services, Inc. ("DE&S"), and as such have the responsibility of reviewing the proprietary information sought to be withheld from public disclosure, and am authorized to apply for its withholding on behalf of DE&S.
2. I am making this affidavit in conformance with the provisions of 10 CFR 2.790 of the regulations of the Nuclear Regulatory Commission ("NRC") and in conjunction with DE&S' application for withholding which accompanies this affidavit.
3. I have knowledge of the criteria used by DE&S in designating information as proprietary or confidential.
4. Pursuant to the provisions of paragraph (b) (4) of 10 CFR 2.790, the following is furnished for consideration by the NRC in determining whether the information sought to be withheld from public disclosure should be withheld.
 - (i) The information sought to be withheld from public disclosure is owned by DE&S and has been held in confidence by DE&S and its consultants.
 - (ii) The information is of a type that would customarily be held in confidence by DE&S. The information consists of DE&S proprietary reports TR-ECCS-GEN-01 and TR-ECCS-GEN-05 dated July 2, 1997 and July 14, 1997 respectively.
 - (iii) The information was transmitted to the NRC in confidence and under the provisions of 10 CFR 2.790, it is to be received in confidence by the NRC.
 - (iv) The information sought to be protected is not available in public to the best of our knowledge and belief.
 - (v) The proprietary information sought to be withheld in this submittal is that which is marked in the proprietary version of the report.



Carol R. Peterson

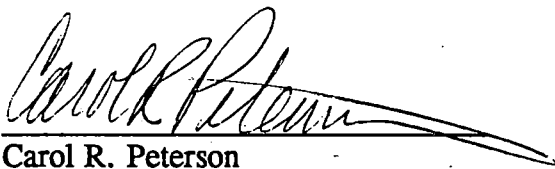
(continued)

AFFIDAVIT OF CAROL R. PETERSON (Page 2)


- (vi) The proprietary information sought to be withheld from public disclosure has substantial commercial value to DE&S.
 - (a) DE&S' competitive advantage will be lost if its competitors are able to use the results of the DE&S experience to normalize or verify their own process or if they are able to claim an equivalent understanding by demonstrating that they can arrive at the same or similar conclusions.
 - (b) DE&S intends to sell services using the information to nuclear utilities, vendors, and consultants for the purpose of supporting the operation and licensing of nuclear power plants.
 - (c) The information is part of DE&S' comprehensive technology base, and its commercial value extends beyond the original development cost.

- 5. Public disclosure of this information is likely to cause harm to DE&S because it would allow competitors in the nuclear industry to benefit from the results of a significant development program without requiring a commensurate expense or allowing DE&S to recoup a portion of its expenditures or benefit from the sale of the information.

Carol R. Peterson, being duly sworn, on her oath deposes and says that she is the person who subscribed here name to the foregoing statement, and that the matters and facts set forth in the statement are true.


Carol R. Peterson

Sworn to and subscribed before me this 17 day of October 1997. Witness my hand and official seal.


Notary Public

My commission expires 6/6/98

