

FROM: **LeJocuf, Lamb, Lalby & Macrae**  
 Washington, D.C. 20035

DATE OF DOCUMENT: **Undated**      DATE RECEIVED: **12-4-70**      NO.: **3839**

LTR.       MEMO:      REPORT:      OTHER:

TO: **Dr. Peter A. Morris**

ORIG.: **1**      CC:      OTHER:

ACTION NECESSARY       CONCURRENCE       DATE ANSWERED:

NO ACTION NECESSARY       COMMENT       BY:

CLASSIF: **U**      POST OFFICE:      REG. NO:

FILE CODE: **50-220**

DESCRIPTION: (Must Be Unclassified)  
**Ltr submitted on behalf of Niagara Mohawk & trans the following:**

REFERRED TO	DATE	RECEIVED BY	DATE
<b>Ziemann w/9 cys for ACTION</b>	<b>12-4-70</b>		

ENCLOSURES: **AMDT #3 dtd & notarized 11-27-70 to Petition requesting Amdt to license consisting of:**  
**THIRD ADDENDUM to Technical Supplement to Petition to Increase Power Level**  
**CERTIFICATE OF SERVICE dtd 12-4-70 showing svc of Amdt #3, Add #3 upon Dwight Mayne, Chmn Bd of Supvrs, Co of Oswego, Fulton,**

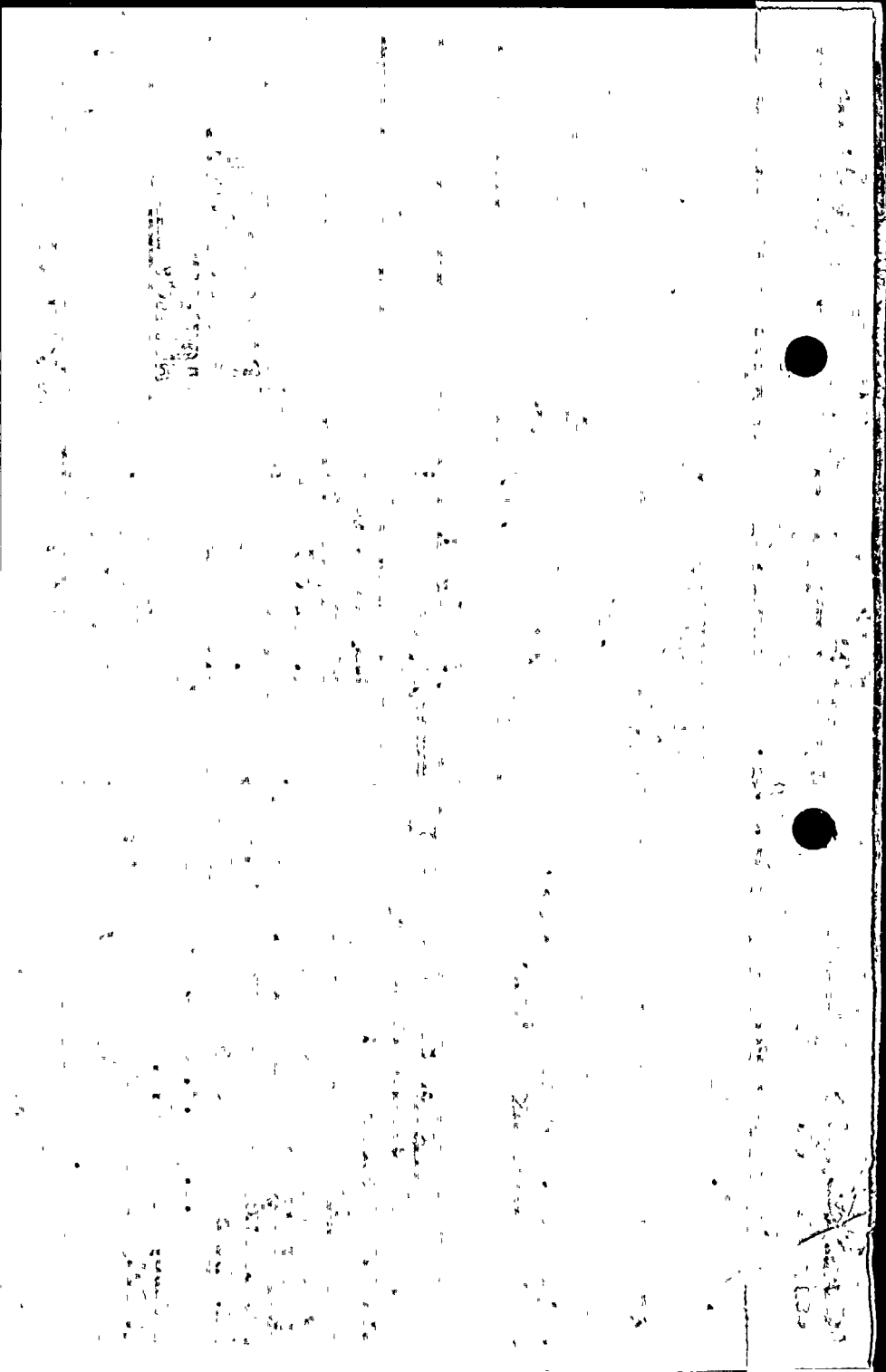
**DISTRIBUTION:**

- Reg File
- AEC PDR
- Compliance (2)
- OCC-Rm P-506-A
- H. Price & Staff
- Skovholt
- N. Dube
- D. Thompson

REMARKS: **N.Y. & R.P. Jones, Supvr Town of Scriba, Oswego, N.Y. (9/Orig Signed & 25 conf'd cys Amdt, 70 cys 3rd Add & 1 cy Cert of Sv rec'd)**

**DO NOT REMOVE**  
**ACKNOWLEDGED**

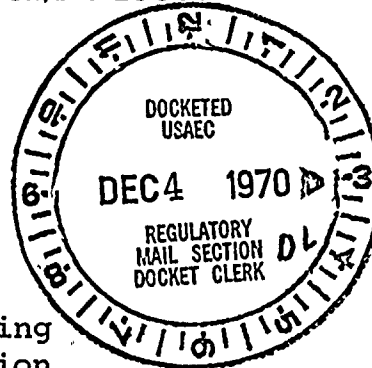
**3839**      **d1**



LAW OFFICES OF  
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WASHINGTON, D. C. 20036

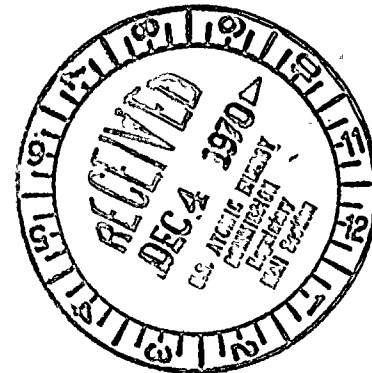
ARVIN E. UPTON  
EUGENE B. THOMAS, JR.  
LEONARD M. TROSTEN  
WASHINGTON PARTNERS

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NEW YORK, N. Y. 10005



WASHINGTON TELEPHONE:  
202 FEDERAL 8-0111

Dr. Peter A. Morris  
Director  
Division of Reactor Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545



Re: Niagara Mohawk Power Corporation  
Docket No. 50-220

Dear Dr. Morris:

As counsel for Niagara Mohawk Power Corporation we hereby transmit three (3) originals and twenty-five (25) copies of an amendment entitled, "Amendment No. 3 to Petition Requesting Amendment of License." Accompanying this petition are seventy (70) copies of a document entitled, "Third Addendum to Technical Supplement to Petition to Increase Power Level."

This Amendment contains answers to certain questions which have been asked by members of the AEC Regulatory Staff in connection with Niagara Mohawk's Nine Mile Point Emergency Core Cooling System.

As shown by the attached Certificate of Service copies of the foregoing pleading together with its Technical Supplement have been served upon the appropriate local officials.

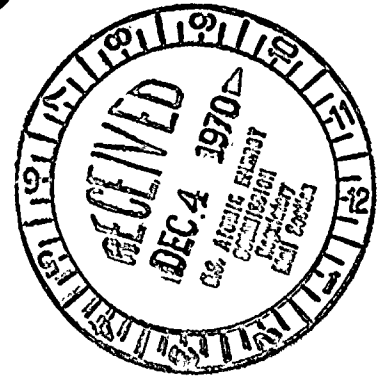
Very truly yours,

*LeBoeuf, Lamb, Leiby & MacRae*  
LeBoeuf, Lamb, Leiby & MacRae  
Attorneys for Niagara Mohawk Power Corporation

Enclosures

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BEFORE THE UNITED STATES  
ATOMIC ENERGY COMMISSION

In the Matter of )  
 )  
Niagara Mohawk Power Corporation )

Docket No. 50-220

Amendment No. 3 To  
Petition Requesting Amendment Of License

Niagara Mohawk Power Corporation, Licensee in the above-captioned proceeding, hereby files Amendment No. 3 to its Petition Requesting Amendment of License. This Amendment transmits the Third Addendum to its "Technical Supplement to Petition to Increase Power Level." This Addendum contains supplementary information on the capacity of the Nine Mile Point Emergency Core Cooling System to provide suitable cooling of the reactor core, if needed, at the increased power level which the Applicant has requested.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311

LECTURE 10

STATISTICAL MECHANICS

ENTROPY

AND THE SECOND LAW

OF THERMODYNAMICS

PROFESSOR J. K. JOHNSON

LECTURE 10

ENTROPY

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ENTROPY

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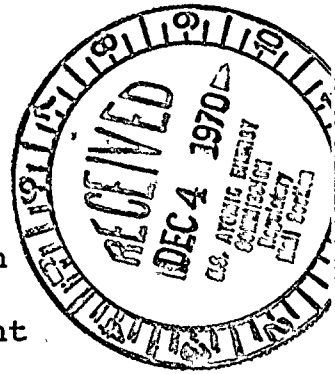
PROFESSOR J. K. JOHNSON

LECTURE 10

ENTROPY

AND THE SECOND LAW

OF THERMODYNAMICS



WHEREFORE, Niagara Mohawk Power Corporation  
prays as in its original petition requesting amendment  
of its license.

NIAGARA MOHAWK POWER CORPORATION

By Thomas J. Brosnan  
Thomas J. Brosnan  
Vice President and Chief Engineer

Subscribed and sworn to before me  
this 27th day of November, 1970.

Doris E. Day  
Notary Public  
My Commission Expires June 30, 1974



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