



Northbrook Energy, LLC
STS HydroPower, Ltd.
STS Turbine Design & Development, LLC

October 10, 1996

RECEIVED

Mr. James Truchan, Fisheries Division
Michigan Department of Natural Resources
P.O. Box 30446
Lansing, MI 48909-7946

CASCADE CHARTER TOWNSHIP

Dear Mr. Truchan:

This letter provides the schedules currently planned for the annual drawdowns per circuit court order for the Ada and Cascade Dams located on the Thornapple River.

	<u>Cascade Dam</u>	<u>Ada Dam</u>
Spring Drawdown	Second weekend of April	Fourth weekend of April
Fall Drawdown	Second weekend of October	not applicable

The specific dates for the next few years are listed on the attached schedules.

Information concerning the timing, extent, duration and flow release patterns of each drawdown is provided here. The impoundments are lowered four feet over a 24 hour period. This is accomplished by increasing the existing river flow by 600 cfs at Cascade and 500 cfs at Ada for a 24 hour period. Cascade's pond begins to dewater on Thursday; Ada's pond dewatering begins on a Wednesday. Once the impoundments have been lowered four feet, that level is maintained for the remainder of the weekend by discharging the existing river flows. The impoundments begin to refill on Sunday evening. Refilling the impoundments generally takes 1-3 days depending on the river flow.

The dates of the drawdowns are published in local newsletters and through direct mailings to homeowners. Several homeowners plan their vacations and schedule contractors around these dates, therefore, we are requesting that any comments you have concerning a deviation to the current schedule be mailed to me by January 1, 1997. This will provide time to discuss the deviations with all respective parties and allow time for new dates to be published. If a response is not received by January 1, 1997, the dates on the existing schedule will be published and the standard procedures followed.

Please contact me if you have any questions or need additional information.

Sincerely,

STS HYDROPOWER, LTD.

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Janine Klinge
Project Engineer

cc: Bill Carter, Thornapple Association
Jay Cravens, Cascade Township
J. Mark Robinson, FERC, Washington D.C.
Ronald Lesniak, FERC, Chicago
Mark Sundquist

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