

NSP**NORTHERN STATES POWER COMPANY**

EAU CLAIRE, WISCONSIN 54701

September 29, 1978

Public Service Commission of Wisconsin
 Hill Farms State Office Building
 4802 Sheboygan Avenue
 Madison, Wisconsin 53702



Subject: Application of Northern States Power)
 Company, Lake Superior District Power)
 Company, Cooperative Power Association,)
 and Dairyland Power Cooperative for a)
 Certificate of Public Convenience and) CA-5447
 Necessity to commence the construction)
 of a nuclear electric generating plant)
 in the town of Peru, Dunn County,)
 Wisconsin, and of certain 345 kV out-)
 let transmission facilities.)

TYRONE ENERGY PARK

Gentlemen:

With the Commission's acceptance for review of our application for authorization to construct the Tyrone Energy Park, as set out in your letter of September 12, 1978, we have reviewed in detail our schedules for pre-construction and construction activities. This review was undertaken to assess the interplay of your regulatory review schedule and our construction schedules to determine the in-service schedule for the Tyrone Energy Park. The results of this review are set out in Attachments 1, 2 and 3 to this letter.

As you know, we had expected to obtain a certificate from the Commission in a time frame which would have permitted field construction to commence in April 1979. Based on commencement of construction at that time, fuel loading was planned for December, 1984 and commercial operation was established as April 1985. This schedule is set out in Attachment No. 1. It is now apparent to all that the Commission's regulatory review cannot be concluded on a schedule to facilitate the start of field construction in April 1979.

Accordingly we have prepared two new schedules reflecting the effects on the plant schedule of (i) realistically attainable regulatory review schedule, and (ii) a regulatory review schedule which utilizes the maximum time allowed by law. These are set out in Attachments 2 and 3, respectively.

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The schedule in Attachment 2 is based upon a favorable Commission decision on our application in September 1979. This, of course, is 14 months after filing of the amended application in June 1978 and 12 months after its acceptance as "complete" by the Commission. Attachment 3 is premised upon a favorable Commission decision in March 1980, i.e., 540 days after acceptance of the application as "complete".

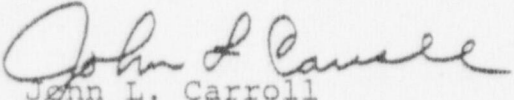
In both instances, the schedules allow seven months between a favorable Commission decision and the start of field construction. In this period, extensive preconstruction activities, including expansion of the construction management staff and the award of contracts for early construction efforts would be undertaken. These activities have been deferred until after a favorable Commission decision is attained in response to the Commission's admonitions with respect to the level of pre-certification expenditures.

If the schedule in Attachment 2 is maintained, an in-service or commercial operation date in April 1986, will be attained for the Tyrone unit. The Attachment 3 schedule would result in a commercial operation date in February 1987. The effect of winter weather on early site construction adds an incremental four months to the construction schedule in the Attachment 3 case.

We are confident that the forthcoming hearings now scheduled for December 11, 1978, to examine the need for Tyrone in light of the additional tests established by the Commission in paragraph 2 of the Advance Plan Order will confirm the need for Tyrone Energy Park. We also believe that a certificate decision by September 1, 1979, is realistically attainable in light of the exhaustive consideration of the pertinent matters in the now concluded Advance Plan proceeding. For these reasons we are establishing the Tyrone unit as a 1986 in-service unit for planning purposes for Northern States Power Company, Dairyland Power Cooperative, Lake Superior District Power Company and Cooperative Power Association.

We respectfully request the Commission to review its planned regulatory review schedule for the Tyrone proposal and to adjust it as appropriate, to allow for a decision by September, 1979.

Very truly yours,


John L. Carroll
President

Attach.

For Service List attached

ATTACHMENT NO. 1

TYRONE ENERGY PARK

Project Construction Schedule Prior to Receipt
of Advance Plan Order of August 17, 1978

<u>Milestone Event</u>	<u>Scheduled Date</u>	<u>Months from Start of Construction</u>
Start of Pre-Construction Activities	9/78	-7
Receive PSC-W Certificate of Public Convenience and Necessity	12/78	-3
Start Active Field Construction :	4/79	0
Place First Concrete - Power Block	9/79	5
Start Installation NSSS Components	11/81	31
Start Hot Functional Tests	9/84	65
Start Fuel Load	12/84	68
Synchronize Turbine-Generator	1/85	69
"Commercial" Operation	4/85	72

TYRONE ENERGY PARK

Project Construct on Schedule Assuming
Certificate of Public Convenience and
Necessity is Received by September, 1979

<u>Milestone Event</u>	<u>Scheduled Date</u>	<u>Months From Start of Construction</u>
Receive PSC-W Certificate of Public Convenience and Necessity.	9/79	-7
Start Active Field Construction	4/80	0
Place First Concrete - Power Block	9/80	5
Start Installation NSSS Components	11/82	31
Start Hot Functional Tests	9/85	65
Start Fuel Load	12/85	68
Synchronize Turbine-Generator	1/86	69
"Commercial" Operation	4/86	72

ATTACHMENT NO. 3

TYRONE ENERGY PARK

Project Construction Schedule Assuming
Certificate of Public Convenience and
Necessity is Received by March, 1980

<u>Milestone Event</u>	<u>Scheduled Date</u>	<u>Months From Start of Construction</u>
Receive PSC-W Certificate of Public Convenience and Necessity	3/80	-7
Start Active Field Construction	10/80	0
Place First Concrete - Power Block.	5/81	7
Start Instalaltion NSSS Components	9/83	35
Start Hot Functional Tests.	7/86	69
Start Fuel Load	10/86	72
Synchronize Turbine-Generator	11/86	73
"Commercial" Operation.	2/87	76

BEFORE THE
PUBLIC SERVICE COMMISSION OF WISCONSIN

Application of Northern States Power)
Company and Lake Superior District Power)
Company for Authority to Construct and) CA-5447
Place in Operation a Nuclear Electric)
Generating Plant in the Town of Peru)
Dunn County, Wisconsin - and Related)
345 kV Transmission Lines)
Tyrone Energy Park Nuclear Plant)

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