REPLY TO: 2720 Special Uses

February 10, 1970

F. ISE

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B&F

(5400)

SUBJECT: Public Service Co. of New Hampshire

Power Trans. Line 6/15/68 (Your ref. 2/4/70)

TO: Forest Supervisor, White Mountain NF

Issuing an amendment is not recommended until enough information is assembled to convince you and us that the company's requested location is the most desirable.

The Public Service Company plans to build a new line parallel to ADS the existing 110 k.v. transmission line. Upon its completion, old line will be removed. However they say, "Our studies forcastm Cik that it will probably be necessary in the future to construct RL another line in the approximate location of the existing line. this time it is impossible to determine with any more certainty our future requirements through this area."

It is our belief that the company should design the line they propose to construct at this time in such a way that its capacity can be such a increased without the use of additional right-of-way. We understand that it is common practice to construct a line with a capacity of much more than will be used immediately upon construction and also that structures can be built that can be added to and can carry an additional set of wires.

This constitutes a proposal to abandon a right-of-way and develop another. Have you considered the desirability of locating all or part of the new line in a different location? We suggest that you review the Report to the Vice President and to the President's Council on Recreation and Natural Beauty made by the Working Committee on Utilities; a copy of this was sent to you in 1969. Your landscape architect should be involved in this opportunity to relocate a major powerline right-of-way. We are sure that you realize that you are not obligated to grant the right-of-way where the company requests. and you are not obliged to provide a straight line location or the most economical location. Our responsibility is to see that the right-of-way is so located that it has the least undesirable impact on the environment.

When you have selected a general location, the company could survey h the centerline and submit the design and specifications of the line. When you know the size and type of structures and the minimum height above ground of the wire at center span, you can calculate the width of right-of-way needed. Selective clearing and scalloped edges are required. Each road and stream crossing should be considered separately so the least objectionable crossing may be planned.

# Following such consideration, the amendment may be issued by you.

We wish to be kept informed and work with you in a team approach.

As a starter we would like a copy of the District reports you have requested and a specific letter on the subject of this letter from your landscape architect.

vaniew.

R. F. THAANUM, Branch Chief

Land Adjustment, Classification and Special Uses

Public Service Company of New Hampshire Power Transmission Line 6/15/68

Regional Forester, R-9

This is in response to your memo of February 10, 1970, matter at hand and to answer some of the items in your memo which appare arose as a result of questioning ours. It is not an attempt to engage in a writing contest but is intended solely to clarify. The following are statements, observations and comments on the paragraphs of your memo as indicated:

PRORTO

AFTER OUR Verimily

PRORTO

PRORTO

As to being briefed on this proposal and receiving the permit

Letter requesting consideration for amendment prior to writing y

we were convinced that the company's requested location is the mo

desirable and would so recommend to you.

Your paragraph 3; We are aware of the common practice of overcons A Higher Standard, so AS a line to handle eventual capacity increase and will explore this with the company. However, it does not appear that such would eliminate the use of additional right-of-way. The matter here is the Physical (australia) of the tarters one of physical problem in addition to immediate need. To avoid added clearing, it would be necessary to construct any new line, whether it was evercapacitated or as they propose, very close to existing energized line. This in itself is a construction hazard bordering on a physical impossibility when proximity of energized

lines during construction processs is considered. Higher capacit lines would require greater clearances in all planes so that ever a centered line most likely would require some additional clearing

Your paragraph 4. The permittee has definitely indicated that the do not propose to abandon any of the cleared right-of-way and tha even upon the dismantling of the existing line, they would mainta the full cleared width existing. We have considered the desirabi of locating all or part of the new line in a different location Quite and find it totally unacceptable and without basis for recommenda Such determination has been based/the knowledge of the situation, matters of fact on the ground, and the potentials and impacts of an likely relocation. We cannot In any conscience recommend that the is even a remote desirability of a different location. Im The Reosonably conscious enough and familiar enough with your reference Report o the Vice Bresident to the President's Council on Recreation and Natural Beauty made by the Working Committee on Utilities, copy of which was sent this office in 1969 that it was not necessary and does not seem necessary to review again for this particular were being relocat instance If we were to relocate amajor powerline, our landscape architect would be involved in the opportunity and, in fact, will be involved in this one, even under an amendment. As
There is realization that there is no ob you indicate, we realize that we are not obligated to grant the right-of-way where the company requests, nor to provide a straight line location, nor the most economical location.

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These are not factors in present consideration.

For Approval

Recommendation for the additional width as requested appears

likely to be for approval as creating the least undesirable impact on the environment.

Par. 5. It is man feeling that the general location is and properly one adaption has been selected in that the company should be enabled to undertake its centerline survey and prepare the necessary design and specifications. Four plans should be prepared in accordance with guidelines we furnished them and will be reviewed here those guidelines, which will obviously include the customary factors determining needed width of clearing. It is interesting to note that this same permittee has already entered into an agreement with us for special wildlife management activity in connection with one of its other lines on the Forest. We It!

Your paragraph 6. We take your statements to be authorization for us to issue an amendment for the permit after we have taken the customary and normal considerations.

Your paragraph 7. Perhaps a should have stopped at the last sent paragraph () in which you give us authorization or indicate that we have the authorization to amend the permit. To keep you informed, we will provide you with copy of the district reports and letter from the landscape architect per your soggestion.

KISUTHERLAND Lands Staff Officer



1087 Elm Street, Manchester, N. H. 03105

March 5, 1970

772.

White Mountain National Forest P. O. Box 638 Laconia, New Hampshire

Attention: Mr. K. I. Sutherland

Re: 2720 Special Use Permit PSCONH File FIA-120

Dear Mr. Sutherland:

Thank you for your letter of February 27, 1970 regarding the proposed change in license across national forest land in the towns of Easton, Lincoln and Woodstock.

Since our meeting in your office and my letter of January 19, 1970 we have completed further studies of our problems in this area and conclude that, at the present time, our line will have to be completely rebuilt with larger wire only to a point in Sugar Hill, N. H. where we plan to make a new tie with New England Power Service Co. On the balance of the line, we can keep our present wire and only change individual poles, which can be done in their present locations without taking the line out of service, except for short periods.

Therefore, we will not need to change our license throughthe national forest, at the present time.

It is possible that an additional line at a higher voltage will be required at a future date but at present we do not know if, when or at what voltage this line may be constructed.

We greatly appreciate your cooperation in this transaction and will notify you before we do any work on our line through the national forest land.

Sincerely yours,

R. Emery Smith Real Estate Manager

RES: PW

cc: K. S. Adams

S. N. Macrigeanis

R. A. Nichols

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3/9/70