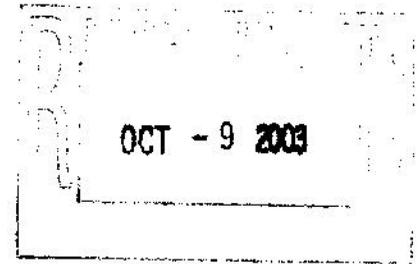




SHAWNEE  
POWER  
CONSULTING, LLC

3 October 2003

Mr. Roger C. Zaklukiewicz  
Vice President, Transmission Engineering & Operations  
Northeast Utilities Service Company  
P.O. Box 270  
Hartford , CT 06141-0270



Dear Mr. Zaklukiewicz:

In response to a request by Northeast Utilities and United Illuminating, I have examined the Norwalk-Singer-East Devon-Beseck 345 kV system expansion proposed by NU and UI and reviewed two transient analysis studies, one performed by Burns and McDonnell and one by General Electric.

Based on my experience in analyzing power systems to determine possible transient overvoltages and currents and on my experience in specifying EHV equipment, it is my opinion that there is no fundamental reason that the proposed 345 kV system expansion cannot be made to function. Obviously, further studies and analyses need to be performed in order to define any operating restrictions which may be advisable and to form a basis for preparing equipment specifications.

My review of the Burns & McDonnell study entitled *Switching Transient Study*, Northeast Utilities System (draft dated 12 September 2003) revealed a number of serious deficiencies in both the modeling and the selection of the system configurations and operations simulated. For the analysis to be of use, the model would have to be substantially improved, the cases performed to date would have to be redone, and a significant number of additional cases would have to be examined.

My review of the General Electric report entitled *Connecticut Cable Transient and Harmonic Design Study for Phase 1* dated June 2003 indicated that the study was, on the whole, well performed. It is appropriate for NU and UI to have GE perform a transient analysis of the proposed Phase 2 project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Stephen R. Lambert".

Stephen R. Lambert, P.E.  
Principal Engineer