

IN THE MATTER OF Sections 7(4)
and 10 of the Consolidated
Hearings Act, 1981;

AND IN THE MATTER OF Section
18(9) of the Environmental
Assessment Act (R.S.O. 1980,
c.140);

AND IN THE MATTER OF an under-
taking of Ontario Hydro consist-
ing of the planning of, selec-
tion of locations for, acquisi-
tion of property rights for, and
the design, construction, operation
and maintenance of additional bulk
electricity system facilities in
eastern Ontario consisting of swit-
ching and transformer stations,
communications and control facil-
ities, transmission lines and re-
lated facilities.

This is a motion to the Joint Board convened with respect
to this matter for an order:

- a) Appointing Dr. R. J. Ringlee of Power Technologies
Inc. or Dr. R. Billinton of the University of Saskatchewan,
as a technical consultant to the Board to carry out those
services and undertake such work as is described by the
proposed program of work attached hereto as Appendix A;
- b) In the alternative, for an order that the costs of
the No Towers Federation and the Hydro Consumers Asso-
ciation including fees and disbursements with respect to
retaining Dr. Ringlee or Billinton, be paid by the pro-
ponent Ontario Hydro or by the Minister of the Environ-
ment, or both, and for such costs to be paid on a bi-
monthly basis.

Attached hereto are:

(i) the curriculum vitae and other supporting information pertaining to retaining the services of Dr. Ringlee or Dr. Billinton;

(ii) the decision of the Environmental Assessment Board in the matter of a Hearing pursuant to the provisions of the Environmental Protection Act with respect to Manville Canada Inc. argued on February 23, 1984;

(iii) a financial statement outlining the financial resources and current financial position of the No Towers Federation and the Hydro Consumers Association;

(iv) a proposed plan of work to be undertaken and services to be rendered by the consultant who may be retained in this matter;

(v) a letter from the then Minister of the Environment, Keith C. Norton, dated December 18, 1981.

General Outline of Work to be Undertaken

1. To conduct a Bulk Power System Reliability Review, including a review of:
 - a) The contingency testing techniques utilized by Ontario Hydro to test the adequacy of existing and proposed transmission system plans.
 - b) Other methods including probabilistic techniques for evaluating the adequacy of existing and proposed transmission system plans.
 - c) The use and application of contingency testing and other techniques to evaluate the reliability of the electrical distribution system in Eastern Ontario, as it exists, and as engendered by alternative plans for new Bulk or transmission (Exhibit 4 to these proceedings)
 - d) The potential contributions that might be made by interconnection facilities with Hydro Quebec to enhance the reliability of supply to the load in the Ottawa area.
2. To prepare a report with respect to the above-noted review.
3. To assist Counsel to the NTF/HCA with respect to preparation for further proceedings in this matter.
4. To attend where appropriate during further hearings for the purpose of assisting Counsel to the HCA/NTF with cross-examination of the proponents witness(s) called to give evidence on the matter of reliability.
5. To attend at the hearing for the purpose of giving evidence with respect to the review conducted and described above.