

DOCKET NO. 59

AN APPLICATION OF CAPITOL DISTRICT ENERGY CENTER COGENERATION ASSOCIATES FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE, AND OPERATION OF A 55 MW COGENERATION FACILITY IN HARTFORD, CONNECTICUT. : CONNECTICUT SITING COUNCIL July 11, 1986

D E C I S I O N A N D O R D E R

The application submitted by ANR Venture Management Company to construct and operate a cogeneration facility is hereby approved. A certificate of environmental compatibility and public need, as required by section 16-50k of the Connecticut General Statutes (CGS), shall be issued, subject to the following terms, limitations, conditions, and report requirements. Any changes to specifications pertaining to the following conditions, notice, and report requirements will require Council approval no less than two weeks prior to such change.

1. Conditions

- a) the facility shall be constructed as proposed in the application, as amended and as detailed in the Council's record;
- b) the construction and operation of the facility shall be in accordance with all applicable federal, state, and municipal laws, regulations, and ordinances;
- c) the exhaust stack is to be the lowest height technically possible to facilitate adequate exhaust dispersion without downwash conditions as determined by the Connecticut Department of Environmental Protection;
- d) if and when fogging conditions occur that impair visibility, the operator shall take immediate action to remedy the condition; and

- e) this certificate will be void if all construction authorized herein is not completed by November 1989.

2. Notifications

- a) commencement of construction;
- b) commencement of testings; and
- c) commencement of operation.

3. Reports

The certificate holder shall provide the following reports to the Council and may consult with Council staff in the preparation thereof:

- a) a quarterly progress report, starting with the commencement of construction;
- b) the final approved Department of Environmental Protection air emission permit to operate when available;
- c) documentation of compliance with state and local noise regulations, due no later than six months after commencement of operation. Documentation is to be in the form of ambient day and nighttime testing conducted prior to construction and under normal operating conditions no sooner than one month after commencement of operations;
- d) a long-term, potable water conservation plan is to be drafted in conjunction with the Metropolitan District Commission (MDC). Provisions shall include:
  - 1) a feasibility study for using the Park River as a full or partial source of cooling tower make-up water;

- 2) a feasibility study for full or partial use of alternative cooling technology;
- 3) a schedule of staged water conservation measures to be implemented at the onset of a drought period; and
- 4) a formal mechanism for the implementation of the plan for long-term water conservation.

The plan(s) is to be submitted and approved by the Council prior to the commencement of operation.

- e) a short-term water supply contingency plan to be drafted in conjunction with the MDC for immediate reduction of potable water consumption under critical drought conditions.

Provisions shall include:

- 1) an assessment of operational outputs and constraints for the immediate reduction and curtailment of potable water consumption;
- 2) a schedule of contingency measures including the reduction of operations, the use of alternative cooling technology, or the use of alternative sources of cooling water or cooling tower make-up water; and
- 3) a formal mechanism for the implementation of the plan for an immediate reduction or curtailment of potable water consumption.

The plan(s) is to be submitted and approved by the Council prior to the commencement of operation.

- f) a first year operational status report to be submitted to the Council within three months after the first year of operation to include:
- 1) quantities fuel used;
  - 2) percentages and number of days of fuel oil used;
  - 3) overall and daily average of electric output;
  - 4) overall and daily average of steam output;
  - 5) range and daily overall average of facility efficiency;
  - 6) overall and daily average of water (potable and other) consumption; and
  - 7) actions taken pursuant to conditions 1(d) of this decision and order.

Pursuant to section 16-50p of the CGS, we hereby direct that a copy of the Opinion and Decision and Order shall be served on each person listed below and that a notice of the issuance shall be published in the Hartford Courant.

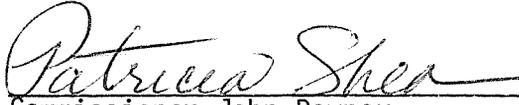
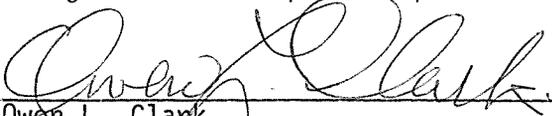
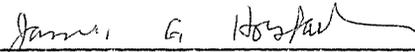
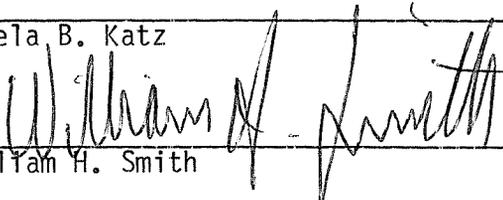
The parties to this proceeding are:

Capitol District Energy Center Cogeneration Associates 255 Main Street Hartford, Connecticut 06106	(applicant)
Mr. Joseph P. Kearney President & CEO ANR Venture Management Company One Woodward Avenue Detroit, Michigan 48226	(its representative)
Mr. Richard Atkins Environmental Risk LTD 116 Cottage Grove Road Bloomfield, Connecticut 06002	(its representative)
Ms. Laurie Hunt Independent Energy Corporation 255 Main Street 5th Floor Hartford, Connecticut 06106	(its representative)

C E R T I F I C A T I O N

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case or read the record thereof, and that we voted as follows:

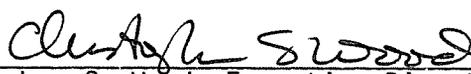
Dated at New Britain, Connecticut, this 11th day of July, 1986.

<u>Council Members</u>	<u>Vote Cast</u>
_____) Gloria Dibble Pond Chairperson	Absent
 _____) Commissioner John Downey Designee: Patricia Shea	Yes
 _____) Commissioner Stanley Pac Designee: Christopher Cooper	Yes
 _____) Owen L. Clark	Yes
 _____) Mortimer A. Gelston	Yes
 _____) James G. Horsfall	Yes
_____) Pamela B. Katz	Absent
 _____) William H. Smith	Yes
 _____) Colin C. Tait	Yes

STATE OF CONNECTICUT            )  
  :  
COUNTY OF HARTFORD            )        ss.        New Britain, July 11, 1986

I hereby certify that the foregoing is a true and correct copy of the decision and order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

  
\_\_\_\_\_  
Christopher S. Wood, Executive Director  
Connecticut Siting Council