



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

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Petition 150
Field Review
February 14, 1986

Mortimer A. Gelston, William H. Smith, and Christopher S. Wood met Rich Meister and other representatives of Northeast Utilities to review the plans for installation of two new auxiliary steam boilers at the Montville Generation Station. NU has petitioned the Council for a ruling that the project would not constitute a modification of an existing facility and that, even if it were considered a modification, it would not have substantial adverse environmental effect.

The proposal would entail the erection of a new attached building to house the boilers, as detailed in the plan drawings accompanying the petition. The new building would be built adjoining the existing buildings housing boilers and generating units. A new steel stack 180' tall would be added. Existing stacks are 408', 258', 220' and 180' tall. The new building and most of the stack would be shielded from view on the Connecticut River.

The steam boilers would be used for auxiliary steam generation, which means station start-up steam for Unit 6 and heating and atomizing of heavy fuel oil for unit 5. The boilers now used for these tasks originally drove turbine generators and are too large for the auxiliary function. Observation of the existing boilers confirmed that removal and replacement would be very difficult.

The new boilers will comply with all air emission requirements by burning 1% sulfur oil and limiting fuel use to 18,920 gallons per day. No wetlands or steam channel encroachment lines are within the construction area and NU will seek coastal zone location approval. The site is now paved, but ground will be broken. Existing catch basins would trap any sediment run off. Pied-billed, Grebes and Canvasback, Goldeneye, and Bufflehead ducks were observed in the Connecticut River at the plant.

Christopher S. Wood
Executive Director

CSW/cp