

STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



August 10, 2005

Gerry van Noordennen  
Connecticut Yankee Atomic Power Company  
Haddam Neck Plant  
362 Injun Hollow Road  
East Hampton CT 06424

RE: Temporary Authorization for Recharging Groundwater Using Surface Water to Support Remediation Activities

Dear Mr. van Noordennen:

Attached you will find a Temporary Authorization for the above referenced activities. Please note that this Temporary Authorization will become effective 24 hours after the Department is notified in accordance with Paragraph III of this Temporary Authorization.

Please call me if you have any questions.

Sincerely,

Peter G. Hill  
Environmental Analyst 3  
Remediation Section  
Bureau of Waste Management

Certified Mail Return Receipt#7002 2030 0007 9637 7258

Cc: Juan Perez, USEPA Region One  
Jon Peckinpough, USNRC  
Steward Brown, USNRC  
Marv Rosenstein, USEPA Region One  
Ed Wilds, CT DEP  
Robert Tommel, Town of Haddam

COO1



STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



TEMPORARY AUTHORIZATION

I. Pursuant to section 22a-6k(b) of the Connecticut General Statutes (CGS), a Temporary Authorization ("Authorization") is hereby issued to:

Connecticut Yankee Atomic Power Company  
362 Injun Hollow Road  
Haddam CT

to initiate, create, originate or maintain a discharge to the waters of the state at:

Groundwater in the Connecticut River Watershed at:  
The Connecticut Yankee Atomic Power Company, Haddam Neck Plant (the "Plant")  
362 Injun Hollow Road  
Haddam, CT

II. This Temporary Authorization specifically allows the discharger to discharge unaltered surface waters from several unnamed streams located northerly of the plant, to the area of soil remediation near the former Primary Auxiliary Building to artificially recharge the aquifer. These streams discharge to the storm water retention pond west of the plant.

III. This Authorization shall become effective 24 hours after the Department is notified in writing of the anticipated commencement of the authorized discharge and shall expire: 1) thirty days after that effective date; 2) when the requirements for coverage under a general permit issued pursuant to CGS section 22a-430b have been satisfied; 3) upon issuance of an individual permit pursuant to CGS 22a-430 as amended; or 4) immediately upon notification of a tentative determination to deny a permit; whichever is sooner.

IV. The fee of \$1125.00 has been submitted for issuance of this Authorization.

V. This Authorization has been issued based on the following submittal:

A. Application for Temporary Discharge Authorization dated June 24, 2005 and received on June 30, 2005.

VI. A. DEFINITIONS

1) The definitions of terms used in this Authorization shall be the same as the definitions contained in CGS section 22a-423, and section 22a-430-3(a) of the Regulations of Connecticut State Agencies.

2) In addition to the above, the following definitions shall apply to this Authorization:

(a) "Discharger" includes the applicant named in Paragraph I. of this Authorization and any operator actually implementing the Discharge. Specifically: Any person who, or municipality which initiates, creates, originates, or maintains a discharge for which an Authorization is issued

must comply with that Authorization. If the source or activity generating the discharge for which an Authorization is issued is owned by one person or municipality but is leased or in some other way the legal responsibility of another person or municipality (the discharger), the Discharger is responsible for compliance with any Authorization issued by the Commissioner.

**B. SPECIAL CONDITIONS**

1) The following conditions shall be complied with at all times:

(a) The following discharge limits shall not be exceeded at any time:

<u>Parameter</u>	<u>Limits</u>
Total Daily Flow	30,000 gallons per day

(b) The discharge shall not contain any pollutants that may adversely impact ground waters or the Connecticut River.

2) The following conditions shall be met:

(a) The withdrawal rate shall not exceed 50% of the base flow of the stream(s).

(b) The screen for the intake structure(s) shall utilize a 30 slot screen (.030 inch).

(c) No substances shall be introduced into the discharge.

3) Monitoring shall be as follows:

(a) Total daily flow shall be recorded

4) Submittals to DEP shall be as follows:

(a) A detailed report of all associated site activities shall be submitted within 90 days of the effective date of this Authorization.

- (b) Unless otherwise stated in this Authorization, documents required to be submitted to DEP shall be addressed to:

Peter Hill  
Bureau of Waste Management  
Remediation Section  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5027

- (c) When required, immediate notification to DEP shall be to:

Peter Hill  
Bureau of Waste Management  
Remediation Section  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5027

Phone Number: 860-424-3912  
Telefax Number: 860-424-4057

C. STANDARD CONDITIONS

- 1) Discharger shall comply with the following conditions while conducting activities under this Authorization:
  - (a) If authorized activities create a potential for pollution due to the erosion of soil, erosion and sediment control measures shall be installed and maintained in compliance with the standards set forth in the "2002 Connecticut Guidelines for Soil Erosion and Sediment Control" as revised, established pursuant to section 22a-328 of the Connecticut General Statutes.
  - (b) Best management practices shall be implemented to ensure that no litter, debris, building materials or similar materials are discharged to the waters of the state or to the ground.
- 2) No provision of this Authorization and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that the actions taken by the discharger pursuant to this Authorization will achieve remediation goals, result in compliance, or prevent or abate pollution.

D. GENERAL PROVISIONS

- 1) This Authorization shall be non-transferrable.
- 2) The Discharger shall comply with the following Regulations of Connecticut State Agencies, which are hereby incorporated into this Authorization as if fully set herein:

Section 22a-430-3

Subsection (b) General

- subparagraph (1)(D) and subdivisions (2), (3), (4) and (5)

Subsection (c) Inspection and entry

Subsection (d) Effect of a permit

- subdivisions (1) and (4)

Subsection (e) Duty to comply

Subsection (f) Proper operation and maintenance

Subsection (g) Sludge disposal

Subsection (h) Duty to Mitigate

Subsection (i) Facility modifications; Notification

- subdivisions (1) and (4)

Subsection (j) Monitoring, records and reporting requirements

- subdivisions (1), (6), (7), (8), (9), and (11)

(except subparagraphs (9)(A)(2), and (9)(C))

Subsection (k) Bypass

Subsection (m) Effluent limitation violations

Subsection (n) Enforcement

Subsection (o) Resource Conservation

Subsection (p) Spill Prevention and Control

Subsection (q) Instrumentation, Alarms, Flow Recorders

Subsection (r) Equalization

Section 22a-430-4

Subsection (p) Permit revocation, denial or modification

Subsection (t) Discharges to POTWs - Prohibitions

Appendices

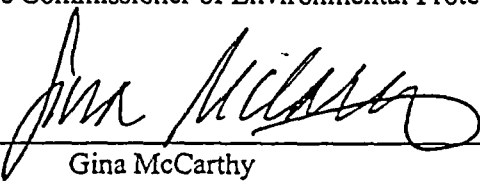
- 3) Within fifteen days after the date the Discharger becomes aware of a change in any information submitted to the Commissioner under this Authorization, or that any such information was inaccurate or misleading or that any relevant information was omitted, the Discharger shall submit the correct or omitted information in writing to the Commissioner.
- 4) Nothing in this Authorization shall relieve the Discharger of other obligations under applicable federal, state and local law.
- 5) Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under this Authorization by the Discharger shall be signed by the Discharger and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows: "I have personally examined and am familiar with the information

submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense."

- 6) Any false statement in any information submitted pursuant to this Authorization may be punishable as a criminal offense under section 22a-438 of the CGS or, in accordance with section 22a-6, under Section 53a-157b of the CGS.
- 7) The Commissioner reserves the right to make appropriate revisions to this Authorization in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions which may be necessary to adequately protect human health and the environment.
- 8) The Commissioner may order summary suspension of this Authorization in accordance with section 4-182 of the CGS.

Entered as a Temporary Authorization of the Commissioner of Environmental Protection.

8/9/15  
Date

  
Gina McCarthy  
Commissioner

Authorization No. TA-22

Certified to be a true copy of a document in the file of the Department of Environmental Protection, Waste Management Bureau.

Name: Linda Galento  
Title: Office Assistant  
Date: August 10, 2015