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corresp

Consolidated Edison Company of New York, Inc.
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July 26, 2000

VIA OVERNIGHT MAIL

Mr. Richard Benas
New York State Department
of Environmental Conservation
50 Wolf Road
Albany, New York 12233

PUBLIC SERVICE COMMISSION
RECEIVED

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FILES
ALBANY, N.Y.

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C 99-F-1314
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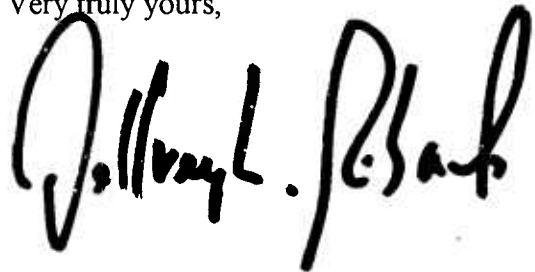
**Re: Department of Public Service Case 99-F-1314
Consolidated Edison Company of New York, Inc.
East River Repowering Project**

Dear Mr. Benas:

In accordance with your direction, I am forwarding to you an original and ten (10) copies of substitute pages 1 through 4 of the Industrial Application Form NY-2C attached as Appendix E-1 to Consolidated Edison Company of New York, Inc.'s Application for Certification of a Major Electric Generating Facility (East River Repowering Project), filed with the Department of Public Service on June 1, 2000. The substitute pages correct the oversight of a missing check mark in Section 2 of the Form, a missing signature in Section 6, and a missing date and signature in Section 18. No other changes to the Form have been made. Concurrently, with this submission, a duplicate original and ten copies of these substitute pages are being provided to the Secretary of the Department of Public Service.

Please call me if you have any questions.

Very truly yours,



Attachments

cc: The Honorable Janet H. Deixler (NYSDPS) ✓
William G. Little, Esq. (w/o attachment)
Peter Seidman (NYSDPS) (w/o attachment)

State Pollutant Discharge Elimination System (SPDES)
INDUSTRIAL APPLICATION FORM NY-2C
For New Permits and Permit Modifications to Discharge Industrial Wastewater and Storm Water
Section I - Permittee and Facility Information

Please type or print the requested information.

1. Current Permit Information (leave blank if for new discharge)

SPDES Number: NY - 0005126	DEC Number: 2-6202-00012/00004-0
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2. Permit Action Requested: (Check applicable box)

Submitted to provide information for Article X Application for the East River Repowering Project (ERRP).

☐ A NEW proposed discharge	☐ An EBPS INFORMATION REQUEST response	☐ A RENEWAL of an existing SPDES permit
☒ A MODIFICATION of the existing permit	☐ An EXISTING discharge currently without permit	

Does this request include an increase in the quantity of water discharged from your facility to the waters of the State?

☐ YES - Describe the increase:

☒ NO - Go to Item 3. below.

Since the last SPDES permit issuance, the quantity of water discharged from Outfall 001 has been reduced substantially due to shutdown of Unit 50. The East River Repowering Project will add to the quantity of wastewater discharged currently, however, the increase would be at least an order of magnitude less than the reduction in total flow due to shutdown of Unit 50.

3. Permittee Name and Address

Name Consolidated Edison of New York	Attention Harry Coates
Street Address 4 Irving Place, Room 306S	
City or Village New York	State NY ZIP Code 10003

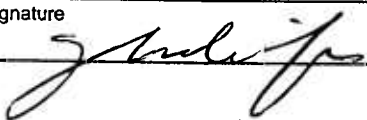
4. Facility Name, Address and Location

Name East River Generating Station, East River Repowering Project			
Street Address 14th Street and East River		P.O. Box	
City or Village New York	State NY	ZIP Code 10009	
Town	County New York		
Telephone (212) 614-3549	FAX (212) 260-3611	NYTM - E 5-86617	NYTM - N 45-8850
Tax Map Info (New York City, Nassau County and Suffolk County only)			
Section 3	Block 988	Subblock	Lot 1

5. Facility Contact Person

Name Anthony Adinolfi	Title Plant Manager
Street Address East River Generating Station, 14th Street and East River	
City or Village New York	State NY ZIP Code 10009
Telephone (212) 614-3549	FAX (212) 260-3611
E-Mail or Internet ADINOLFIA@CONED.COM	

6. Discharge Monitoring Report (DMR) Mailing Address

Mailing Name East River Generating Station	
Street Address 14th Street and East River	
City or Village New York	State NY ZIP Code
Telephone (212) 614-3549	FAX (212) 260-3611
E-Mail or Internet ANTHONYA@CONED.COM	
Name and Title of person responsible for signing DMRs Anthony Adinolfi, Plant Manager	Signature 

INDUSTRIAL APPLICATION FORM NY-2 **Section I - Permittee and Facility Information**

Facility Name: East River Generating Station, East River Repowering Project	SPDES Number: NY - 0005126
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7. Summarize the outfalls present at the facility:

Outfall Number	Receiving Water	Type of discharge
001	East River	Condensor Cooling Water and Low Volume Waste
001A	East River	Boiler Blowdown
001B	East River	Neuralization Tank Effluent
001C	East River	Floor Drains (Oil/Water Separator)
001D	East River	Carbon Filter Backwash
001E	East River	Tank Farm Oil/Water Separator Effluent
002	East River	Conveyor Tunnel Sump
003	East River	Hydrostatic Test Water

8. Map of Facility and Discharge Locations:

Provide a detailed map showing the location of the facility, all buildings or structures present, wastewater discharge systems, outfall locations into receiving waters, nearby surface water bodies, water supply wells, and groundwater monitoring wells, and attach it to this application. Also submit proof, either by indication on the map or other documentation, that a right of way for the discharges exists from the facility property to a public right of way.

See Attachment 1 - Topographic Map, See Attachment 2 - Site Layout

9. Water Flow Diagram:

See Attachment 3 1. Preliminary Water Balance Sketch SK-CRO-RO-AVG-GAS, 54 degrees F, Gas Firing (Average Case) 2. Preliminary Water Balance Sketch SK-CRO-RO-MAX-GAS, 0 degrees F, Gas Firing (Maximum Case) 3. SCHEMATIC OF WASTEWATER DISCHARGES, No. 1278-056, Figure 1 Prepared by CON Edison for East River Generating Station, updated for ERRP

INDUSTRIAL APPLICATION FORM NY-2C **Section I - Permittee and Facility Information**

Facility Name: East River Generating Station, East River Repowering Project	SPDES Number: NY - 0005126
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10. Nature of business: (Describe the activities at the facility and the date(s) that operation(s) at the facility commenced)

Consolidated Edison Company supplies steam to its customers in Manhattan and produces electricity for distribution.

EAST RIVER REPOWERING PROJECT (ERRP)

The ERRP will supply reliable, reasonably priced steam through the replacement of the aging Waterside Station with highly efficient, low emission combustion technology. The ERRP will include installation of two dual-fuel (gas as primary and distillate for emergency use only) combustion turbine generators with a nominal electrical capacity of 180 MW each at 34 degrees F and 60 percent relative humidity, and two Heat Recovery Steam Generators (HRSGs) with a maximum steam output of 1,500,000 lbs/hour each at 535 psia and 500 degrees F. The ERRP will have the flexibility to produce steam that follows the steam demand. The ERRP will utilize Consolidated Edison's existing transmission and distribution system for electrical output and will tie into the Con Edison's existing steam interconnect system. The ERRP will be housed in an existing powerhouse building located between East 14th and East 15th Streets and between Avenue C and FDR Drive. The ERRP is expected commence commercial operation by April 2002.

11. List the 4-digit SIC codes which describe your facility in order of priority:

Priority 1 4 9 6 1	Description: Steam Supply	Priority 3 	Description:
Priority 2 4 9 1 1	Description: Electric Services	Priority 4 	Description:

12. Is your facility a primary industry as listed in Table 1 of the instructions?

- ☒ YES - Complete the following table.
☐ NO - Go to Item 13, below.

Industrial Category	40 CFR		Industrial Category	40 CFR	
	Part	Subpart		Part	Subpart
Steam Electric Power Plant	423	-			

13. Does this facility manufacture, handle, or discharge recombinant-DNA, pathogens, or other potentially infectious or dangerous organisms?

- ☐ YES - Attach a detailed explanation to this application.
☒ NO - Go to Item 14 below.

14. Is storm runoff or leachate from a material storage area discharged by your facility?

- ☐ YES - Complete the following table, and show the location of the stockpile(s) and discharge point(s) on the diagram in Item 9.
☒ NO - Go to Item 15 on the following page.

Size of area	Type(s) of material stored	Quantity of material stored	Runoff control devices
	Chemicals and materials for the ERRP will be stored indoors. One of the existing oil storage tanks at the Tank Farm will be used for distillate storage. The tank farm area runoff is treated in an Oil/Water Separator and discharged to the East River via Outfall 001E (SPDES Permit No. NY - 0005126)		

INDUSTRIAL APPLICATION FORM NY-2C
Section I - Permittee and Facility Information

Facility Name: East River Generating Station, East River Repowering Project	SPDES Number: NY - 0005126
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15. Facility Ownership: (Place an "X" in the appropriate box)Corporate ☒ Sole Proprietorship ☐ Partnership ☐ Municipal ☐ State ☐ Federal ☐ Other ☐

Are any of the discharges applied for in this application on Indian lands?

Yes ☐ No ☒**16. List information on any other environmental permits for this facility:**

Issuing Agency	Permit Type	Permit Number	Permit Status		
			Active	Applied for	Inactive
NYCDEP/NYSDEC	Air - Engine	PA049695P - NYCDEP 620000CE04DE001 - NYSDEC	X		
NYSDEC	Air - Boiler	620000CE0400001 - NYSDEC	X		
NYSDEC	Air - Boiler	620000CE0400003 - NYSDEC	X		
NYCDEP/NYSDEC	Air - Boiler	620000CE0400004 - NYSDEC	X		
SEE ATTACHMENT 4 - PERMITS NEEDED FOR THE ERRP					

17. Laboratory Certification:

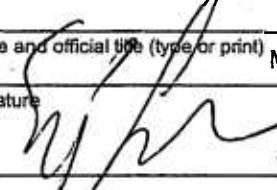
Were any of the analyses reported in Section III of this application performed by a contract laboratory or a consulting firm?

☐ YES - Complete the following table.☒ NO - Go to Item 18 below.

Name of laboratory or consulting firm	Address	Telephone (area code and number)	Pollutants analyzed

18. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and official title (type or print) M. Peter Lanahan, Vice President, EH&S	Date signed 5/31/00
Signature 	Telephone number (212) 460-4733
	FAX number (212) 677-2050