

INITIAL SUBMITTAL

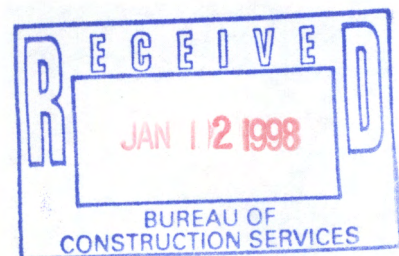
SCHENECTADY (SENECA ST.) SITE

SCHENECTADY, NEW YORK

JANUARY 15, 1998

Prepared by:
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300 ERIE BOULEVARD WEST
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NYSDEC Order on Consent
Index #DO-0001-9210



This report has been prepared in accordance with NYSDEC Order on Consent, (Index DO-0001-9210, December 7, 1992) with Niagara Mohawk Power Corporation, to satisfy the Initial Submittal requirement for the Schenectady (Seneca Street) site as presented in Section I Items A, B, C, and D of that Order.

I. NYSDEC Order on Consent - ITEM A

"A brief history and description of the site, including the types, quantities, physical state, location, and if applicable, dates of disposal of MGP wastes, including methods of disposal and spillage of such wastes. "

A. SITE DESCRIPTION

The Schenectady (Seneca Street) former manufactured gas holder site (hereafter referred to as the "Site") is situated on approximately 5 acres, and is located at 308 Seneca Street in the City of Schenectady, Schenectady County, New York (Figure 1). The Site was the former location of a manufactured gas plant (MGP) holder, and received purified manufactured gas from the Troy (Water St.) MGP.

The site is currently utilized as a crew facility for natural gas and electric distribution services. It also houses a natural gas regulator station. It is situated in a residential/heavy industrial section of the city, approximately 800 feet from the Mohawk River. Yates School is located within ½ mile east of the site; Ellis Hospital and Sunnyview Orthopedic Center are both southeast and within one mile. A park exists ½ mile away to the southeast, and another park (Steinmetz Park) is located ¾ of a mile away east. The Asphalt Stone Products Gravel Industry is north of the site within approximately 400 feet.

The site is square shaped with Seneca Street comprising the northern border, and railroad tracks along the eastern, southern and western sides of the site. A chain-link fence encompasses the former gas holder area, garage, and training building. Within the fenced area are various types of servicing equipment: Piping, drums, pad mounts and transformers, spools and utility poles. A natural gas regulator station, equipped with a natural gas blowoff valve, is also located on-site.

B. SITE HISTORY¹

A chronology of the site history is as follows:

Prior to 1930, the site was owned by the Mica Insulator Company (later known as the 3M Company), an electrical equipment manufacturer (City Historic Center and Deed between Mica Insulator Company and New York Power and Light Corporation, 3/3/30). In 1930, New York Power and Light Corporation purchased the property and constructed a gas holder with a height of approximately 266 feet, and a diameter of 182 feet; it had a capacity of 6 million cubic feet (Figure 2 and 3). According to records, directly south of the holder was a 9000 gallon steel

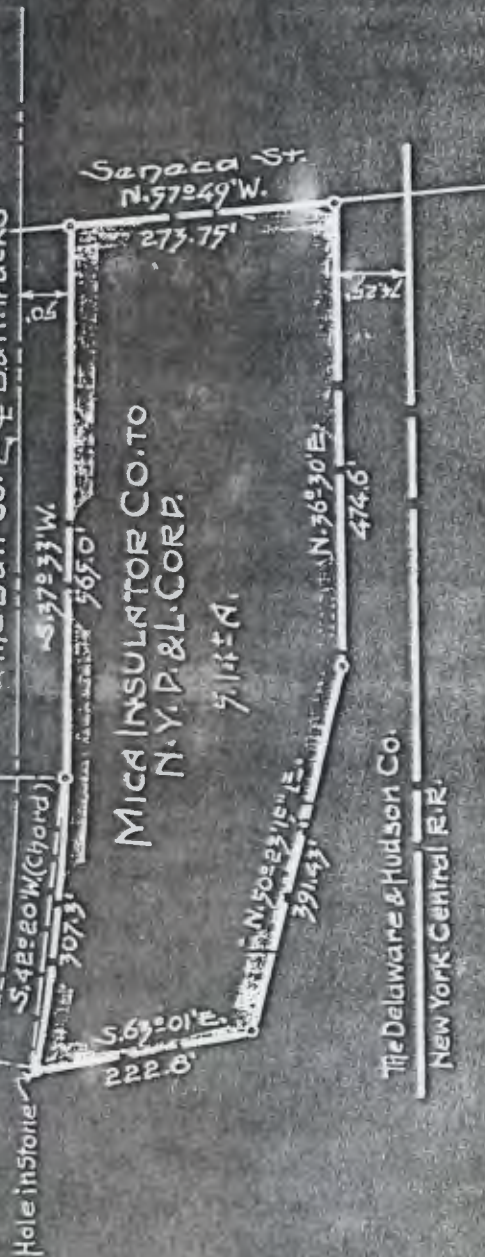
¹ The Site History section of this Initial Submittal is based, in part, on information obtained from outside sources such as historic industry reference materials. Respondent is not aware of the degree of reliability of information gleaned from historic industry sources.

[illegible]

ENTER

North

The D.&H. Co. C & D.H. Tracks



MICA INSULATOR CO. TO
N.Y.P. & L. CORP.

7.16 ± A.

Seneca St.
N. 57° 49' W.

The Delaware & Hudson Co.
New York Central R.R.

Iron Pipe

1000 DISTRICT
TV OF Schenectady
UNTY OF Schenectady
ATE OF NEW YORK
CORDED

OK OF DEEDS PAGE
ATA FROM N. E.
p of Mica Insulator Co. by Lewis Sebring C.E. A-3079-File N-5-6-110

N.Y.P. & L. CORP.
MICA INSULATOR CO. PURCHASE
Schenectady Gas Plant
Scale: 1" = 200'

CHECKED	INSPECTED	CORRECT	APPROVED
J.M.L.	2-11-30	2/11/30	2/12/30
J.M.L.	2-11-30	2/11/30	2/12/30

CHECKED	INSPECTED	CORRECT	APPROVED
J.M.L.	2-13-30	2/13/30	2/13/30
J.M.L.	2-13-30	2/13/30	2/13/30

ALTERATIONS
Bearings reversed
2-13-30

E-5341

DRAWN J.M.L. 2-10-30
THAMES WILSON 2-11-30

6769-C-26

D. & H. R. R. CORP.

NIAGARA MOHAWK POWER CORP.

SENECA ST.

6,000,000 CU. FT.
HOLDER

DRIVEWAY

D. & H. R. R. CORP. TRACKS

DETAIL II

INSTALL
2-1/2" DWS
IN FLOOR

COMPRESSOR
BLADE

INSTALL
FROM B.C.

DETAIL I

PLAN

LOCATION PLAN

MARKER
LIGHT

RELIEF
UP-IN

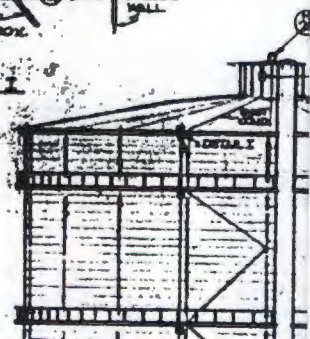
HOLDER
BOOP

1" DIA
CONDUIT

HOLDER
WALL

1" DIA
CONDUIT
TO DIST. AND B.C.

DETAIL I



skimmer or tar storage tank and tar pumphouse (New York Power and Light Corporation, Compressor Station Drawing, March 1930). The "Kellam and Shaffer" company was located west of the gas holder across the Delaware and Hudson (D&H) railroad tracks. This site has a stone mill, a stone cutting shed, and a contracting department shown on the map. Two other companies, "Davis Lumber Company" and "E.P. Wilbur Masonry Supplies", are located to the east and across the D&H railroad tracks. The Texas Corporation (Texaco) had a petroleum bulk storage facility across Seneca Street north of the site (Sanborn, 1930).

Between 1931 and 1933, a building was added to the site southwest of the gas holder. The building contained a compressor room whose dimensions were 33 feet by 112 feet, and an electrical room and office that was 45 feet by 20 feet in dimension (New York Power and Light Corporation, New York Public Utility 486, Eastern Underwriters 1931 and 1933). This building remains on site, and was reconstructed as a crew facility and utility truck garage in 1967.

Between 1930 and 1949, an all steel 12' x 12' booster station was constructed on site. The "E. P. Wilbur Masonry Supplies" company was no longer in operation, and the area was occupied by the City of Schenectady's Bureau of Public Service (Sanborn, 1949 revision). In 1961, the gas holder was decommissioned and removed (Photos 12/2/61). In 1973, a utility training center was constructed adjacent to the booster station and enclosed by a ten feet high chain link fence.

In 1993, a leaking 2,000 gallon underground diesel fuel tank was removed. The spill was reported to the NYSDEC and assigned Spill Number 9308821 (Interface Service Inc., Tank Closure Report, 10/19/93). The NYSDEC Spill file has since been closed (NYSDEC, 1997).

C.BY-PRODUCTS

The site never housed a MGP, rather a former manufactured gas holder occupied the site. The holder stored gas which was purified prior to being piped to the holder for temporary storage.

The holder was a gas storage facility which controlled pressure and gas supply to the surrounding service area. The Seneca Street holder received gas via pipelines from other gas plants.

Gas Holder Condensate

Nearly all gas waste products were removed at the producer plant, distant from the Seneca Street site, prior to entering the pipeline. Condensate was removed periodically from the Seneca Street gas holder.

A limited number of by-products were typically associated with the storage of purified manufactured coal and water gas. By-products commonly associated with the storage of purified manufactured gas included a condensate which consisted primarily of water, and may have contained minor concentrations of tar.

D. BY-PRODUCT QUANTITIES

Records concerning the quantity of MGP by-products associated with the storage of purified manufactured gas are incomplete. No records concerning by-product disposal have been located to date.

E. LOCATION OF BY-PRODUCTS

No information was available at the time of this submittal regarding any possible location of MGP by-products associated with the storage of purified manufactured gas.

II. NYSDEC ORDER ON CONSENT - Item B

"A concise summary of information held by Respondent and Respondent's attorneys and consultants with respect to all persons responsible for such disposal of MGP wastes, including but not limited to names, addresses, dates of disposal and any proof linking each such person responsible for MGP wastes identified pursuant to Subparagraph I.A. of this Order."

No individuals associated with the Schenectady (Seneca St.) former MGP holder have been identified at this time.

III. NYSDEC ORDER ON CONSENT - ITEM C

"A comprehensive list and copies of all existing relevant reports with titles, authors, and subject matter, as well as a description of the results of all previous investigations of each site and areas in the vicinity of each site, including copies of all available topographic and property surveys, engineering studies, and aerial photographs."

Reports available for this site include:

- "Specifications of a 6,000,000 cubic feet Waterless Gas Holder For The New York Power And Light Corporation, Schenectady, New York", by the Bartlett Hayward Company, Baltimore, Maryland.
- "Preliminary Assessment, Niagara Mohawk Crew Location, Schenectady, New York", NUS Corporation, November, 1987 for the USEPA.
- "Final Draft Site Inspection Report, Niagara Mohawk Crew Location, Schenectady, New York", NUS Corporation, March 1991 for the USEPA.
- "Tank Closure Report, 10/19/93", by Interface Services, Inc.

A property survey map (Figure 2) exists for the site transfer from the Mica Insulator Company to the New York Power & Light Corporation. The site has an EPA identification number (NYD980664346).

IV. NYSDEC Order on Consent - Item D

"An 8.5 inch by 11 inch portion of a U.S. Geological Survey topographic map of the site which contains the name of the quadrangle and an arrow indicating the orientation of a northern compass point."

Please see Figure 4.



1983 EDITION

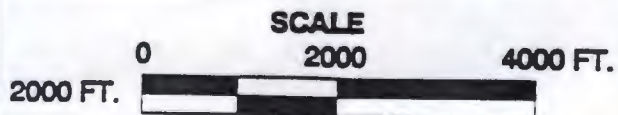


FIGURE 4
Seneca Street MGP Site
Schenectady, NY

SCHENECTADY QUADRANGLE
NEW YORK
7.5 MINUTE SERIES