



NIAGARA MOHAWK

GENERATION  
BUSINESS GROUP

NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093/TELEPHONE (315) 349-7263  
FAX (315) 349-4753

CARL D. TERRY  
Vice President  
Nuclear Safety Assessment and Support

December 23, 1997  
NMPE 0049

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

RE: Nine Mile Point Unit 1  
Docket No. 50-220  
DPR-63

Nine Mile Point Unit 2  
Docket No. 50-410  
NPF-69

**Subject:** *Report on the Status of the Nine Mile Point Nuclear Station NPDES/SPDES  
Discharge Permit*

Gentlemen:

Pursuant to Section 3.2 of the Nine Mile Point Nuclear Station Unit 2 Facility Operating License No. NPF-69 Appendix B, Environmental Protection Plan (Nonradiological), enclosed are the proposed changes to the SPDES Permit, Number NYS 000 1015. The proposed changes were submitted to the New York State Department of Environmental Conservation by letter (NMPE 0045), Enclosure 1, on December 15, 1997.

Sincerely,

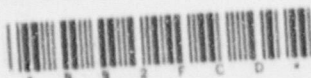
Carl D. Terry  
Vice President

Nuclear Safety Assessment and Support

CDT/KES/cmk  
Attachment

xc: Mr. H. J. Miller, Regional Administrator, Region I  
Mr. A. W. Dromerick, Acting Director, Project Directorate I-1, NRR  
Mr. B. S. Norris, Senior Resident Inspector  
Mr. D. S. Hood, Senior Project Manager, NRR  
Records Management

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NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093

December 15, 1997  
NMPE 0045

Ms. Joanne L. March  
New York State Department of  
Environmental Conservation  
Division of Compliance Service  
615 Erie Blvd. West  
Syracuse, NY 13204-2400

Dear Ms. March:

**SUBJECT: Niagara Mohawk Power Corporation (NMPC)  
Nine Mile Point Nuclear Generating Station  
SPDES Permit # NY001015**

Please find attached a listing of NMPC's proposed changes to the current State Pollution Discharge Elimination System Permit (SPDES) for the above-mentioned facility. These changes had been discussed with Mr. William McCarthy of your office during his most recent site visit of September 17, 1997. The majority of these changes are editorial modifications to the SPDES permit.

If you have any additional questions or need any additional assistance in your review of the Permit Modification request, please feel free to contact Mr. Carey M. Merritt at (315) 349-4200.

Sincerely,

Richard B. Abbott  
Plant Manager - NMP1

Kim A. Dahlberg  
Plant Manager - NMP2

RBA/KAD/GMM/mgc  
Attachments

Page 2

xc: P. Kolokowski, NYSDEC  
W. McCarthy, NYSDEC  
C. M. Merritt  
W. Holzhauer

**Niagara Mohawk Power Corporation  
Nine Mile Point Generating Station  
SPDES Permit #NY001015  
SPDES Permit Modification Requests**

1. In the Unit 2 circulating water system pump area are sumps that discharge to Outfall 040. NMPC requests that a newly designated Outfall 040B, Circulating Water Pumps - Area Sumps, be assigned for these sumps and that an oil and grease parameter be established. The discharge limitation of 15 mg/liter for a daily max would be the recommended limits for Outfall 040B. This outfall should be sampled once per month. This permit change related to the non-compliance report of dated June 10, 1997 as submitted to the Department on the same date.
2. On page 6 of 16, NMPC requests that a footnote be added at the bottom of the page - footnote #4, that designates an emergency discharge from both Units 1 and 2 of fire foam contaminated waters to the sewage treatment plant, Outfall 030. The addition of this footnote is in reference to the non-compliance report dated May 19, 1997 as submitted to the Department on this same date.
3. For Units 1 and 2, the forebay cleaning is necessary to remove zebra mussels and settleable solids from these structures to assure the necessary flows for cooling. It is NMPC's intent to construct settling basins outside the screen house for the respective facilities to allow for the settling out of solids from future cleaning evolutions. It is requested that the discharge limits for these new outfalls, Outfalls 010A, Unit 1 Forebay Cleaning Basin and 040A, Unit 2 Forebay Cleaning Basin have daily average limit of 50 mg/liter for total suspended solids and a daily maximum of 100 mg/liter. It is requested

frequency be two samples per month, that they be grab samples from these newly created outfalls and that they only be sampled during the cleaning evolution of the forebays.

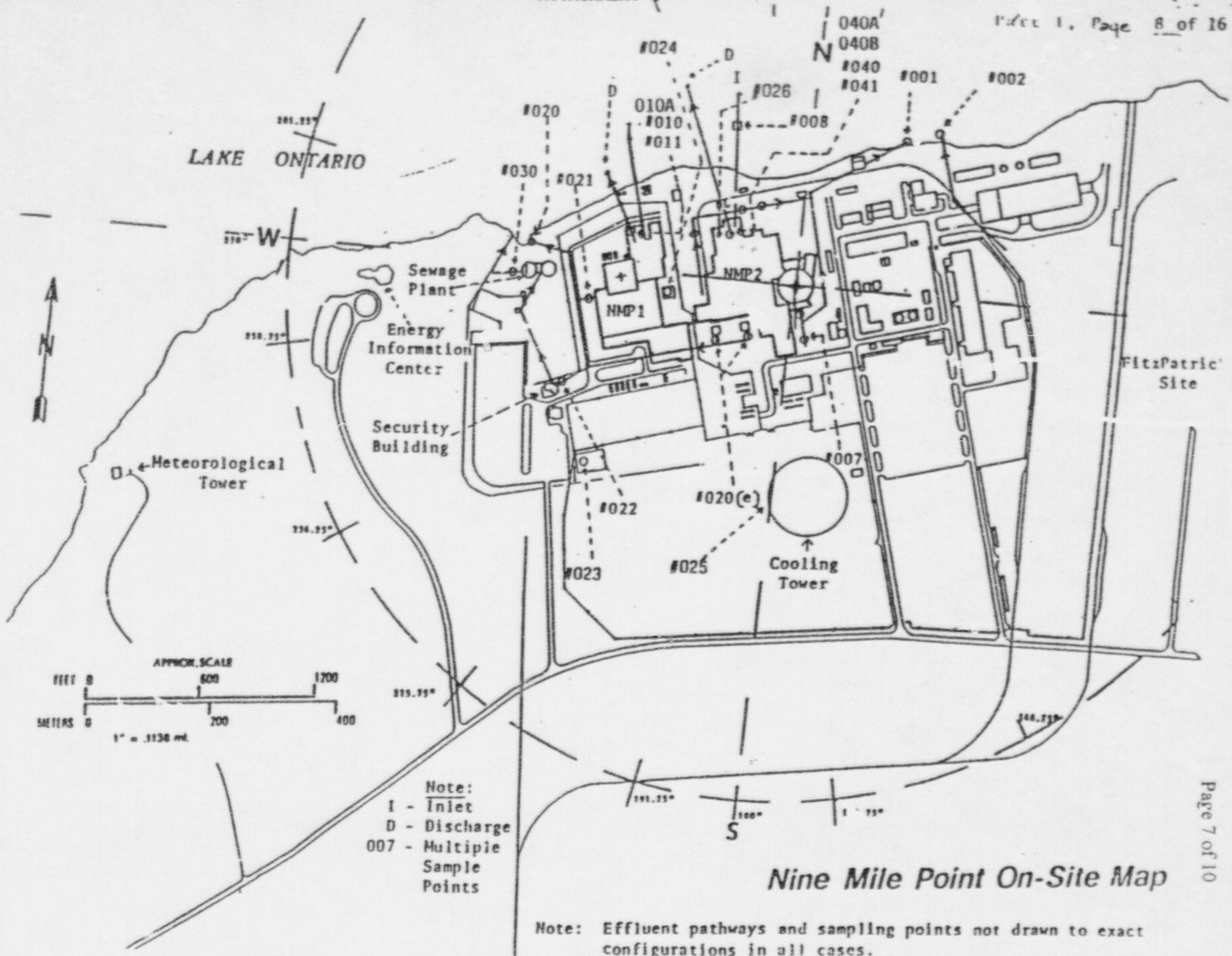
Outfall 010A will discharge to Outfall 020 and Outfall 040A will discharge to Outfall 001.

4. On page 4 of 16, for Outfall 023 - Unit One Oil Spill Retention Basins, it is requested that the sampling frequency be changed from "monthly" to "each discharge". This retention basin only discharges when it reaches a given level and prior to the discharge NMPC samples the basin to assure compliance with the listed parameters.
5. On page 2 of 16, for Outfall Condenser Cooling Water, Unit 1, it is requested that the sample type for the parameters of discharge temperature and intake-temperature difference be changed from metered to recorder. This is similar to the sample type for Outfall 040 at Unit 2.
6. On page 4 of 16, Outfall 024 - NMPC-1 Diesel Off Loading Pad Drainage, it is requested that the sampling frequency be changed from monthly to each discharge for the same reasons as listed above in Comment #4.
7. It is requested for Outfalls 011, Unit One Wastewater, and Outfall 041, Unit Two wastewater, that an additional parameter for total suspended solids be added to these two outfalls with a monitoring frequency of quarterly as set forth in footnote j on page 4 of 16.
8. On page 4 of 16, footnote uppercase (I) needs to be changed to lower case (i). This avoids confusion as it is currently printed with footnote l.

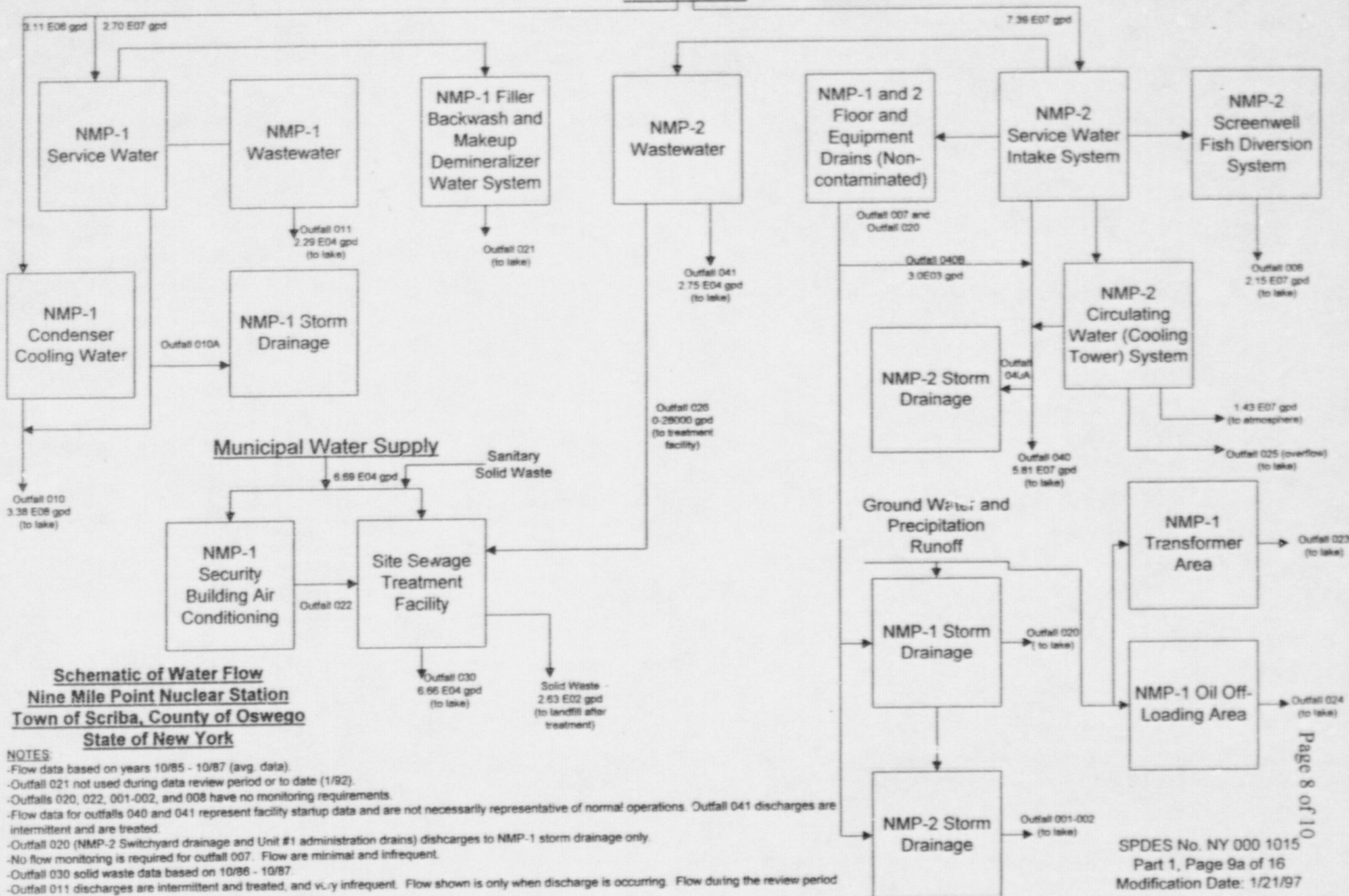
9. NMPC requests for Outfall 007, on page 3 of 16, that the oil and grease parameter with a sampling frequency of quarterly basis be removed from the permit along with the footnote (j) designation. Flows from Outfall 007 drainage structures do not exhibit the high purity wastewater as designated in footnote (j).
10. Page 3 of 16 for Outfall 040 - Cooling Tower Blowdown and Service Water (Unit 2) - NMPC requests that the double starred and triple starred footnote designations for free available chlorine and copper-trol CU-1 respectively be changed to footnotes (n) and (o) on page 4 of 16.
11. Attached is a newly modified Nine Mile Point On-Site Map, page 8 of 16, and Schematic of Water Flow, page 9a of 16, that reflect the additions of Outfalls 010A, 040A and 040B, (Attachment 1 and 2).
12. On page 6 of 16, under the monitoring requirements for the parameter of flow, the box GPD should be checked off in place of MGD for consistency purposes for the parameter of flow underneath Effluent Limitations.
13. Betz Dearborn has made name changes to two products used at the NMP facility. The changes are CT-Z to spectrum CT1300 as listed on page 5 of 16 of the permits. The other product name change is Copper-Trol CU-1 to Inhibitor AZ8103, this product is listed on page 3 of 16 of the permit. Please find attached the letter from Betz Dearborn, indicating the name changes for these products (Attachment 3).

14. NMPC requests that footnote "f" be changed to read as follows:

"Computer data, logged at least hourly, may be utilized for this parameter in order to verify compliance during normal operating conditions. During unusual operating conditions or in situations where the logged data is near the outfall limitation, chart recorder data will be reviewed and utilized to demonstrate compliance."



**ATTACHMENT 2**  
**Nine Mile Point Nuclear Station**  
**Niagara Mohawk Power Corporation**  
**Permit # NY 000 1015**  
**Lake Ontario**





Philip J. Rooney  
Area Manager

BetzDearborn  
Water Management Group  
Great Northern District  
3444 Route 31, Suite 3  
Baldwinsville, NY 13027  
315/622-1384  
315/622-5527 fax

October 6, 1997

Mr. Carey Merritt  
Niagara Mohawk Power Corp.  
P.O. Box 63  
Lycoming, NY 13093

**SUBJECT: PRODUCT NOMENCLATURE**

Dear Carey:

As we have recently discussed, BetzDearborn is in the process of reorganizing and renaming all of our products. With the purchase of Dearborn Chemical, we have gained new technologies, as well as much duplication in our various product lines. In order to fully integrate the best of the two technologies, we have restructured our products into what we call our "World Class Technology" product line. In order to do this, new names have been assigned to the products that you purchase from us. In all cases, this is a name change only. The composition and use of all of the products remains the same.

I have spoken to Mr. Paul Kolakowski at the New York State D.E.C. concerning this renaming process, and he has assured me that our customers do not need to have their SPDES permits modified. All that is needed is a letter notifying the DEC that a name change has occurred. The only time that this will be viewed as a change to plant discharge, is if a significant change in composition or application occurs.

The following table summarizes the existing and new product names. Even though you have not yet been given permission to use the new phosphonate containing tower treatment product, I have included it here. MSDS and all other supporting literature for the newly named products will be provided prior to their delivery.



**BetzDearborn**  
Water Management Group

Mr. Carey Merritt  
Niagara Mohawk Power Corp.  
Page 2

CURRENT NAME	NEW NAME
Powerline 3450	None
NMP-07	DeposiTrol BL5323
Copper Trol CU-1 ✓	Inhibitor AZ8103 ✓
Clam Trol CT-2	Spectrus CT1300 ✓
Betz DTG	Spectrus DT1401
Betz DTS	Spectrus DT1400
Sulfite FG	CorTrol IS3010
CorrShield K-7	CorrShield NT4202
Slimicide C-94	Spectrus OX1201

Carey, please let me know if you require any additional information on this matter. I do not believe that the name changes will be a problem with the State DEC. It will require review of NMPC documents and procedures to assure that all references to the old product names have been updated.

Regards,

Philip J. Rooney

cc: Mitch Bullis  
Gary Corel  
Bruce Holloway  
Bernie Landers  
Carl Senska  
Kent Stoffel  
Pete Thingvoll  
Colleen Ware