

Mark B. Bezilla  
Vice President440-280-5382  
Fax: 440-280-8029July 13, 2010  
L-10-161Mr. Michael W. Stevens  
Ohio Environmental Protection Agency  
Division of Water Pollution Control  
Enforcement Section, ES/MOR  
P.O. Box 1049  
Columbus, Ohio 43216-1049**SUBJECT:**

Perry Nuclear Power Plant (NPDES Permit No. 3IB00016\*ID), Request for approval of an Essential Maintenance Discharge Change

Essential maintenance is planned to be performed on the Perry Nuclear Power Plant circulating water system during a refuel outage scheduled to begin April 18, 2011. The maintenance will require draining the system. To expedite drainage, the discharge is planned to be routed to two storm drains in addition to outfall 3IB00016004 (See Attachments 1, 2, and 3). The discharge will be in compliance with NPDES permit 3IB00016\*ID Part IV Item D.3.

Approximately 468,207 gallons will be pumped to the storm drain systems on the east side of the plant (minor stream impoundment). This storm drain empties into a small, nameless stream that originates offsite. Attachments 4 and 5 provide detail of the configuration of the minor stream impoundment.

Approximately 169,529 gallons of water will be pumped to a storm water impoundment on the west side of the plant site (Northwest Drain Impoundment). This impoundment serves only the plant site. It utilizes a skimmer plate and an impoundment drain prior to entry into Lake Erie. Attachments 4 and 5, discussed above are typical of this impoundment.

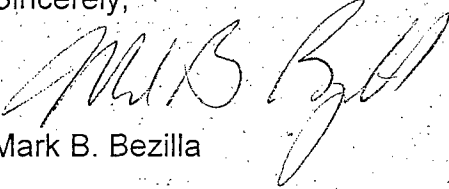
The quality of water to be discharged during this process will meet the limits described in our current NPDES permit for outfall 3IB00016004. The water being pumped to the storm drains will be directed to a grassy area in order to trap any solids or sludge.

In accordance with NPDES Permit No. 3IB00016\*ID Part III Item B, OEPA approval is requested to perform the essential maintenance discharge as described above. Since planning for the April 2011 outage has already commenced, and this is a key step in the maintenance schedule, a response is requested at your earliest convenience.

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If you have any questions or require additional information, please contact Mr. Randall Killing at (440) 280-7370.

Sincerely,



Mark B. Bezilla

Attachments:

- 1 Structure Location Map
- 2 Site Storm Drainage (West)
- 3 Site Storm Drainage (East)
- 4 Plan - Minor Stream
- 5 Cross Sections - Minor Stream

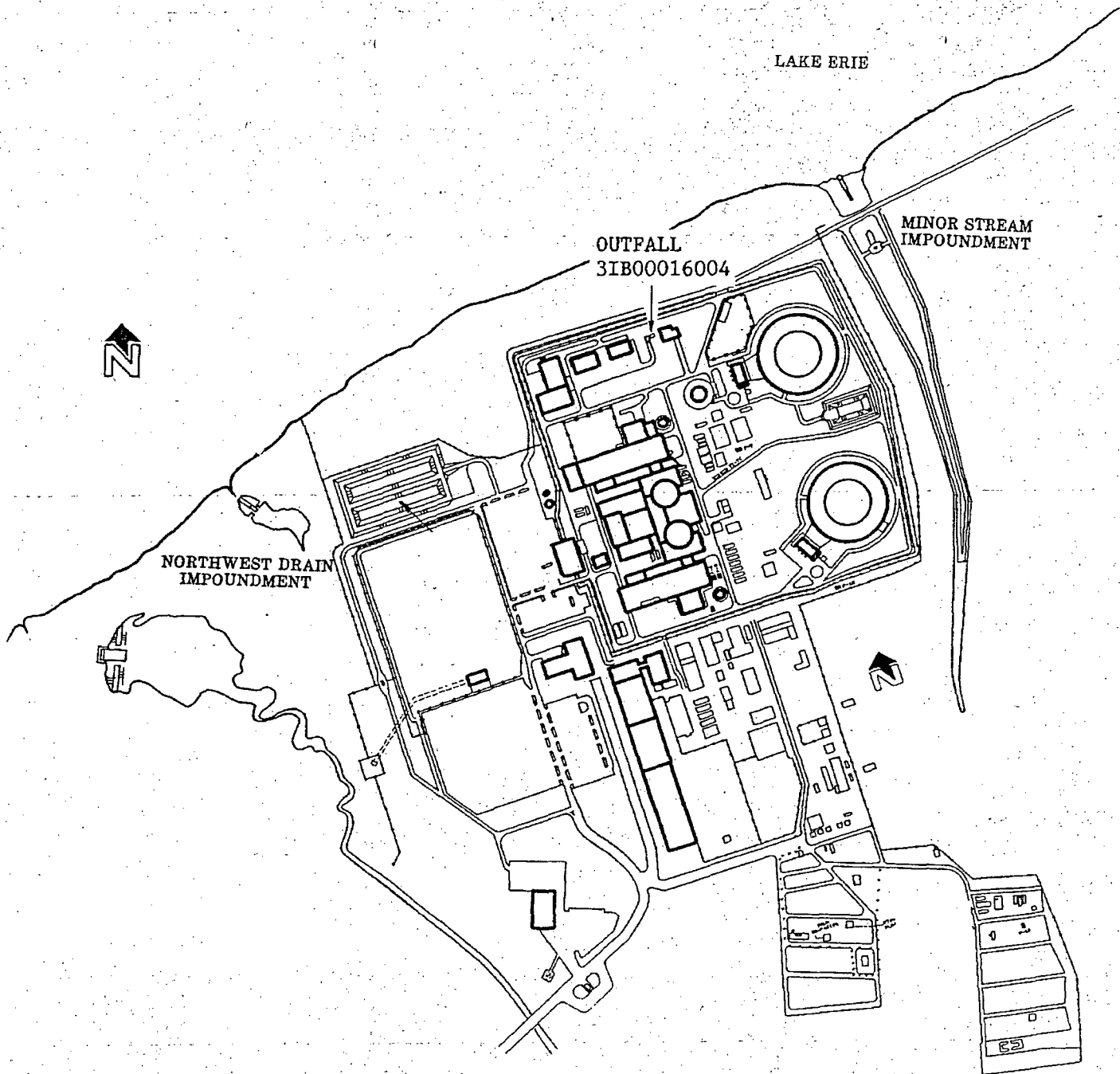
cc: NRC Region III

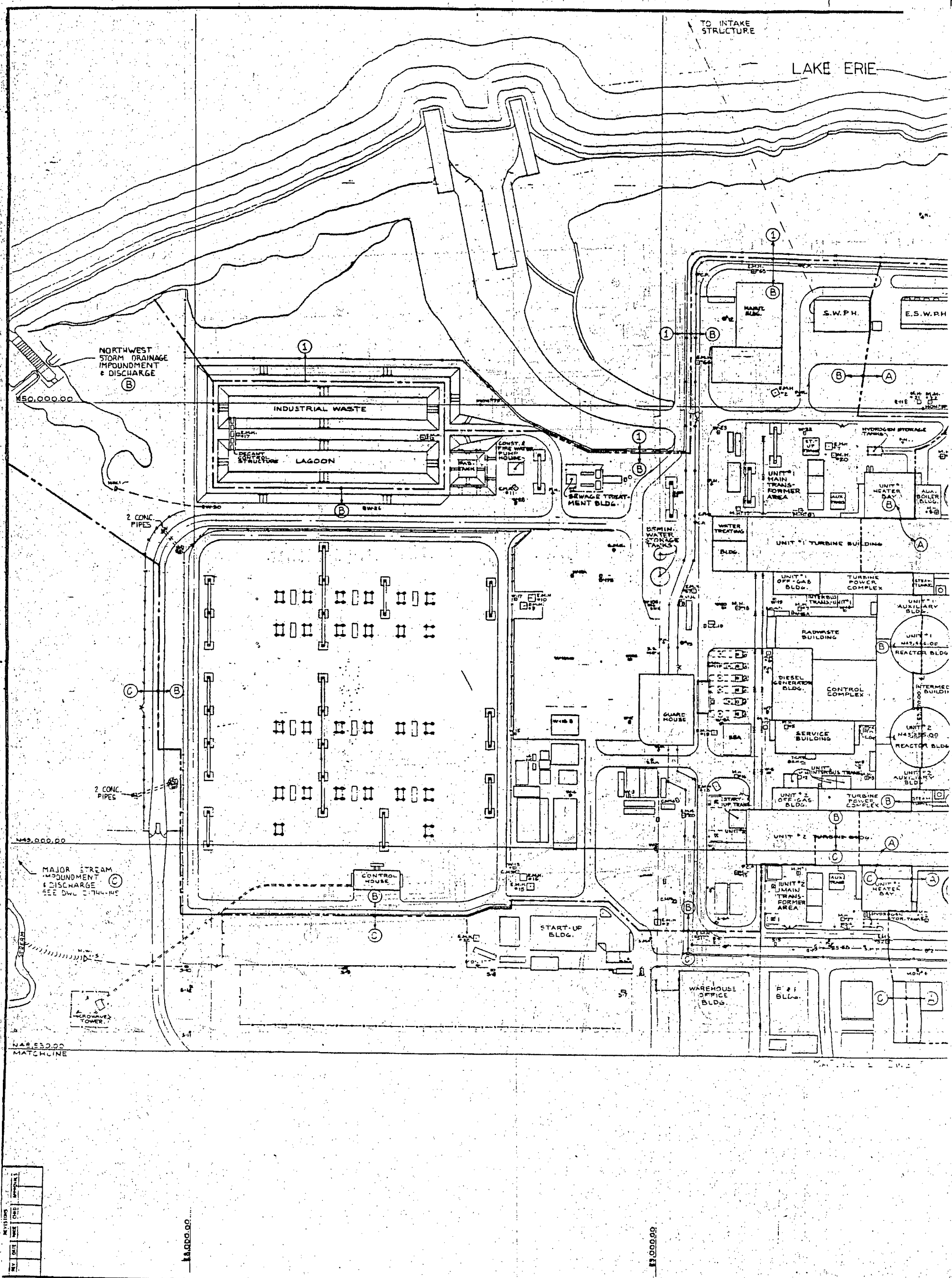
NRC Resident Inspector

NRR Project Manager

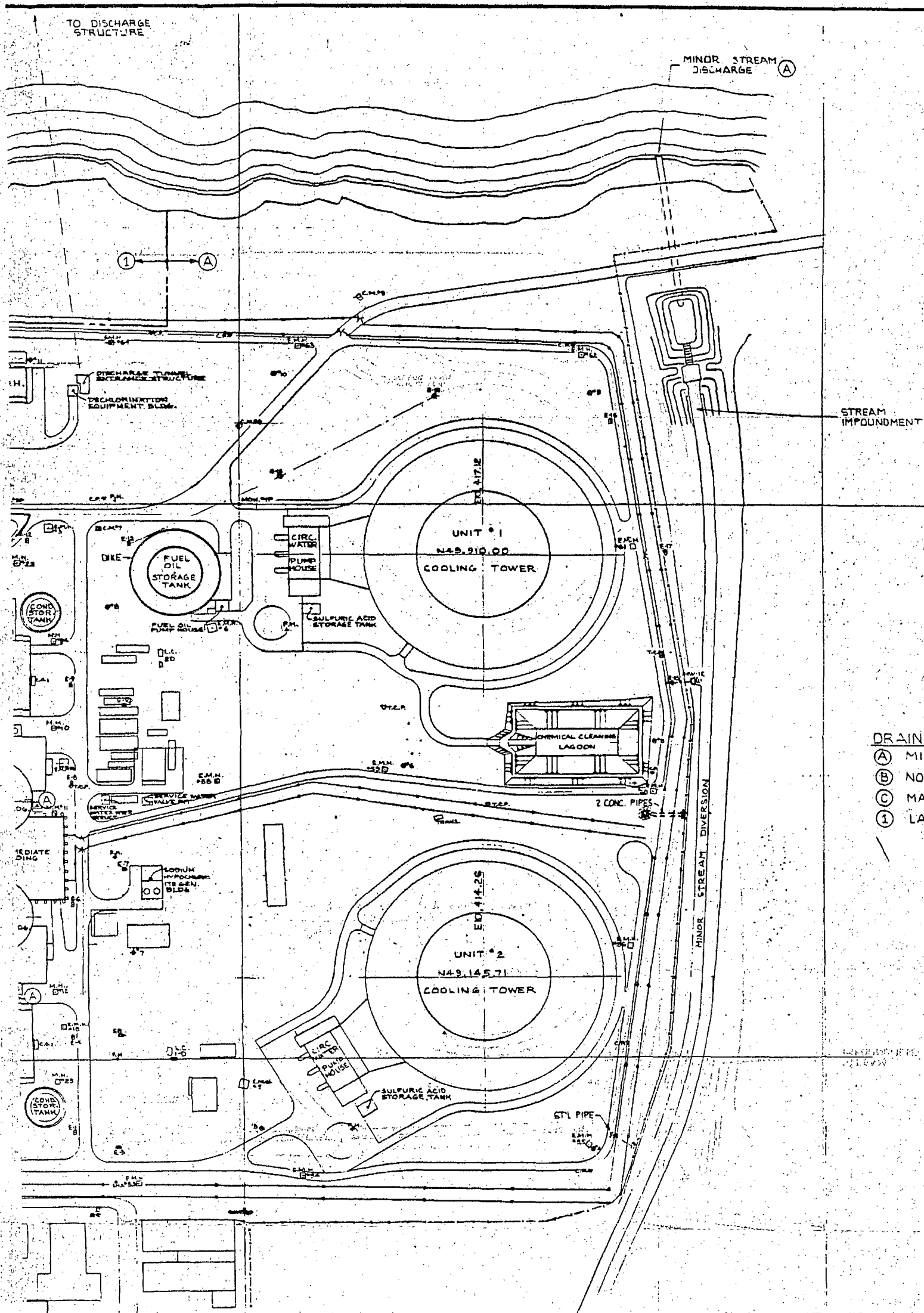
NRC Document Control Desk (Docket No. 50-440)

STRUCTURE LOCATION MAP



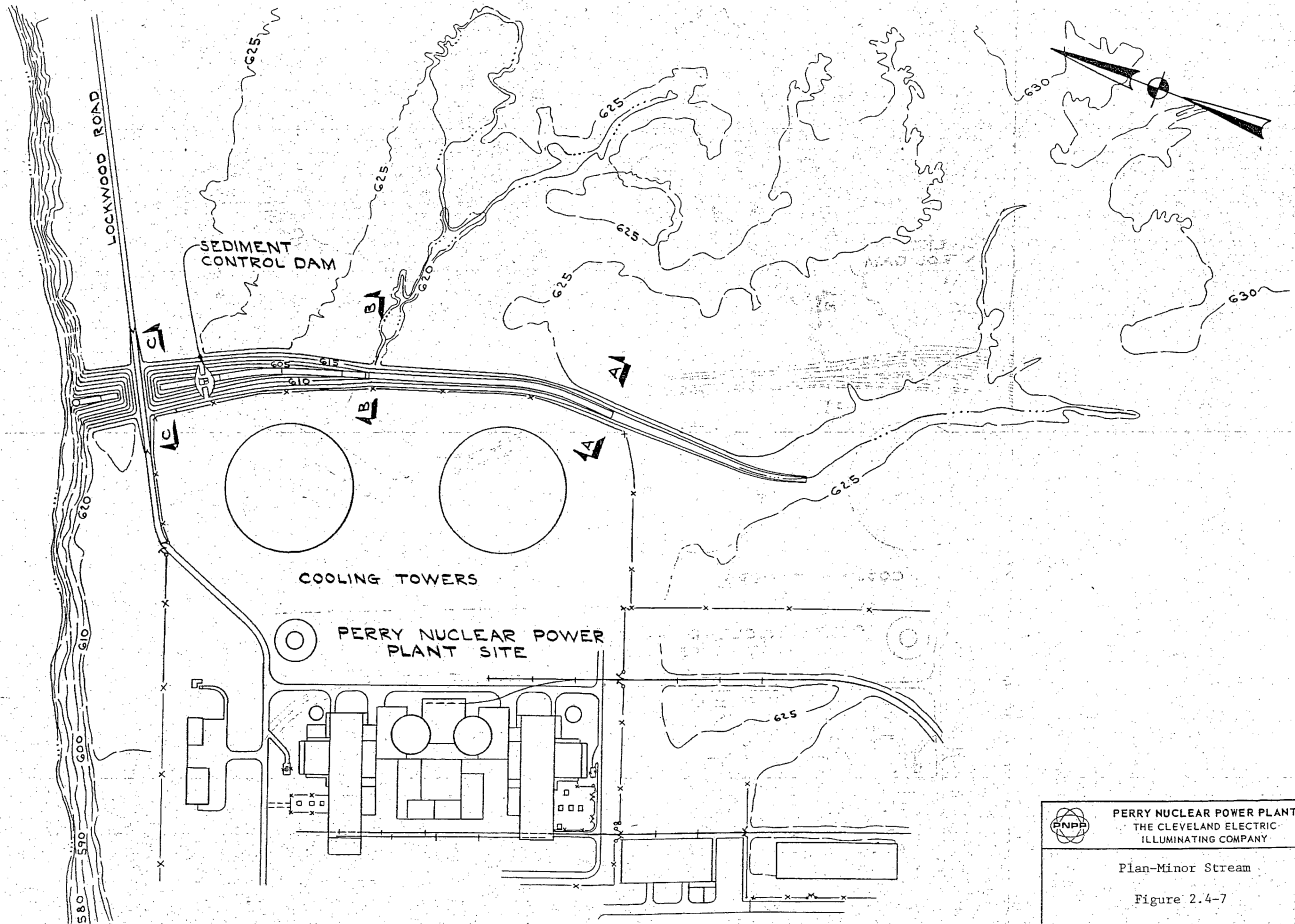



REVISION	DATE	BY	CHKD	APPROVAL
1				
2				
3				
4				
5				



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY									
Perry Nuclear Power Plant									
UNCLAS									
CIVIL									
SITE STORM DRAINAGE									
PLAN - NORTH HALF									
INCH		CHECKED		DESIGNED		APPROVED			
SCALE 1" = 100'									
0-743-014									
SYSTEM									
DRAWING NUMBER									
SHEET NO. OF									

LAKE ERIE



	PERRY NUCLEAR POWER PLANT THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
	Plan-Minor Stream
	Figure 2.4-7

