

Vito A. Kaminskas  
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July 17, 2012

L-12-182

Ms. Marie Underwood  
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. 31B00016\*JD), 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 March 18, 2013. 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 31B00016004 (See Attachments 1, 2, and 3). The discharge will comply with NPDES permit 31B00016\*JD Part IV Item D.3.

Approximately 468,207 gallons will be pumped to the storm drain systems on the east side of the plant (Outfall 007 – Minor Stream Impoundment). This storm drain empties into a small, nameless stream that originates offsite. Approximately 169,529 gallons of water will be pumped to a storm water impoundment on the west side of the plant site (Outfall 006 – Northwest Drain Impoundment). This impoundment serves only the plant site.

Both Outfalls utilize a skimmer plate and an impoundment drain prior to entry into Lake Erie. Attachments 4 and 5 provide detail of the configuration of the minor stream and northwest drain impoundments.

The quality of water to be discharged during this process will meet the limits described in our current NPDES permit for outfall 31B00016004. The water being pumped to the storm drains will be directed to a grassy area in order to trap any solids or sludge.

COOL  
NRR

In accordance with NPDES Permit No. 3IB00016\*JD Part III (11) (B) (1), OEPA approval is requested to perform the essential maintenance discharge as described above. Since planning for the March 2013 outage has already commenced, and this is a key step in the maintenance schedule, a response is requested at your earliest convenience.

If you have any questions or require additional information, please contact Ms. Dianna Henslee at (440) 280-4142.

Sincerely,

A handwritten signature in black ink, appearing to read "Vito A. Kaminskas", with a stylized flourish at the end.

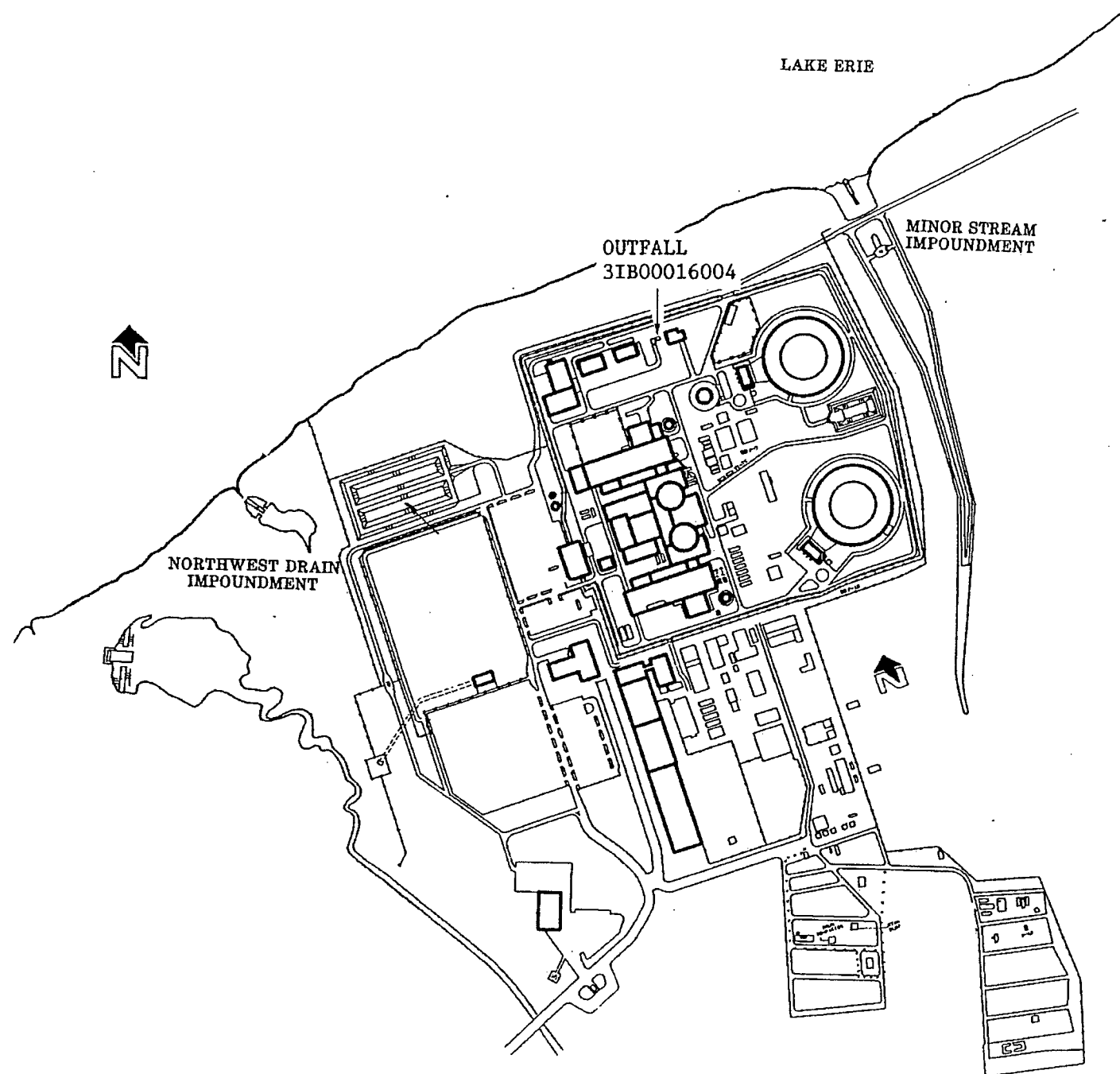
Vito A. Kaminskas

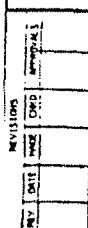
Attachments:

- 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)

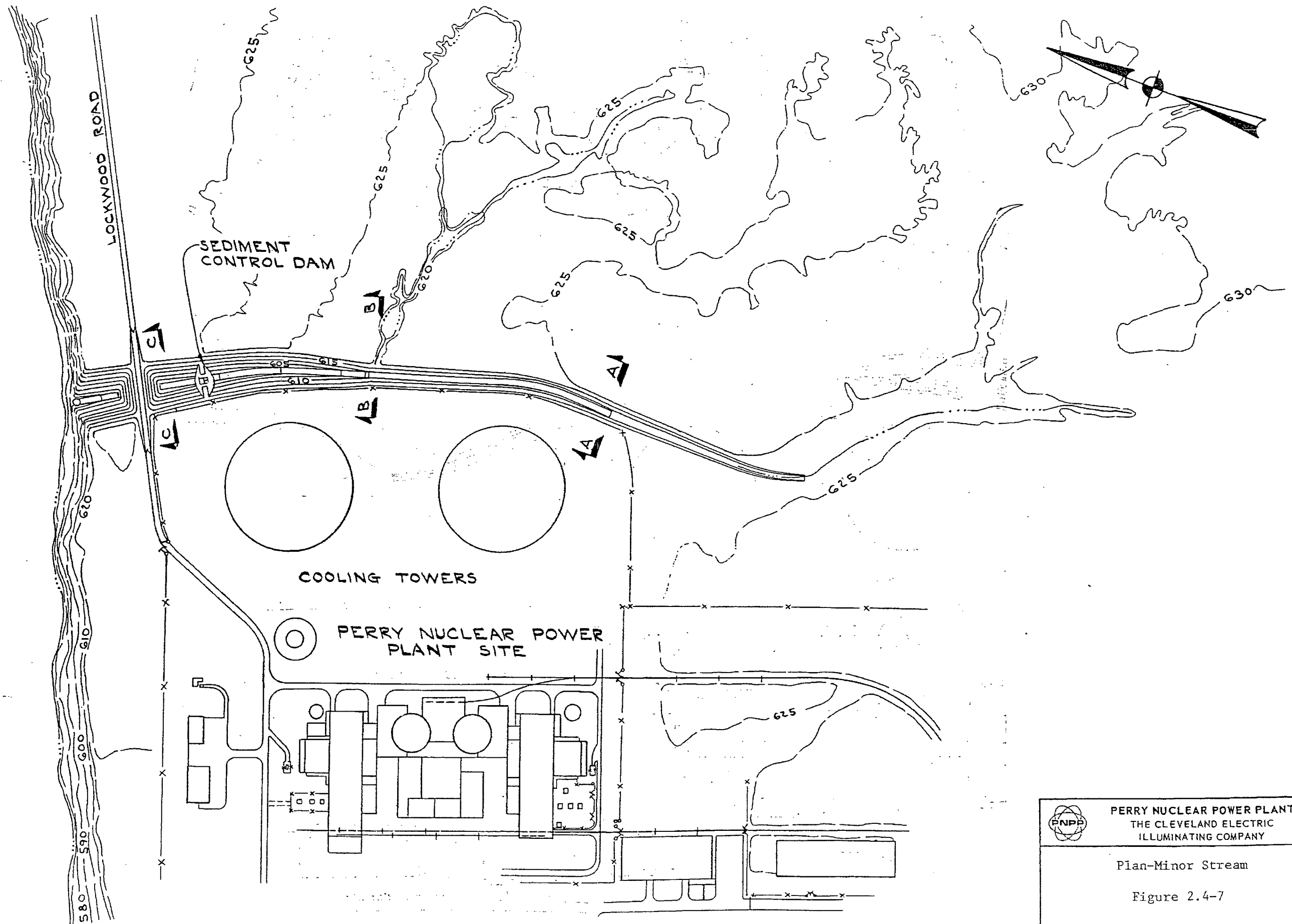
STRUCTURE LOCATION MAP




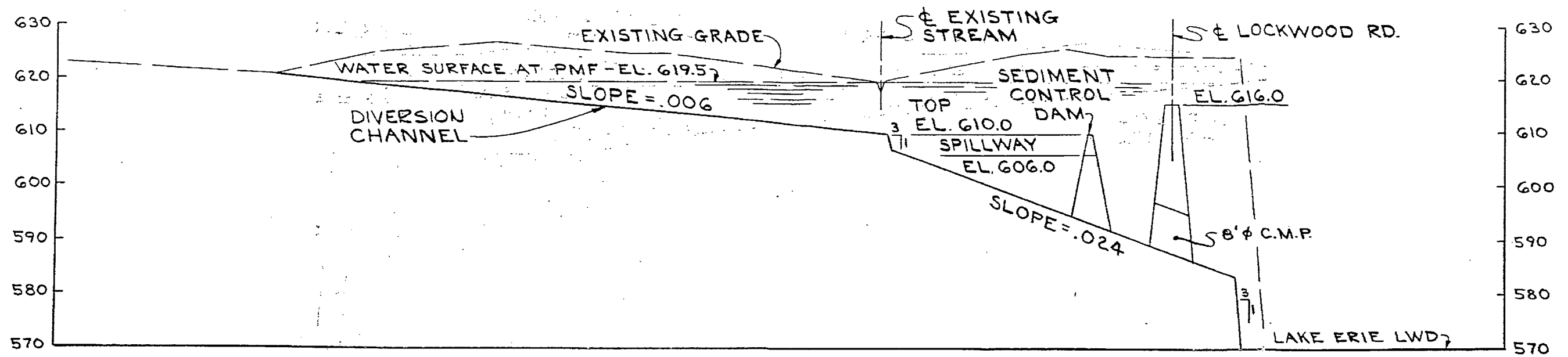




LAKE ERIE

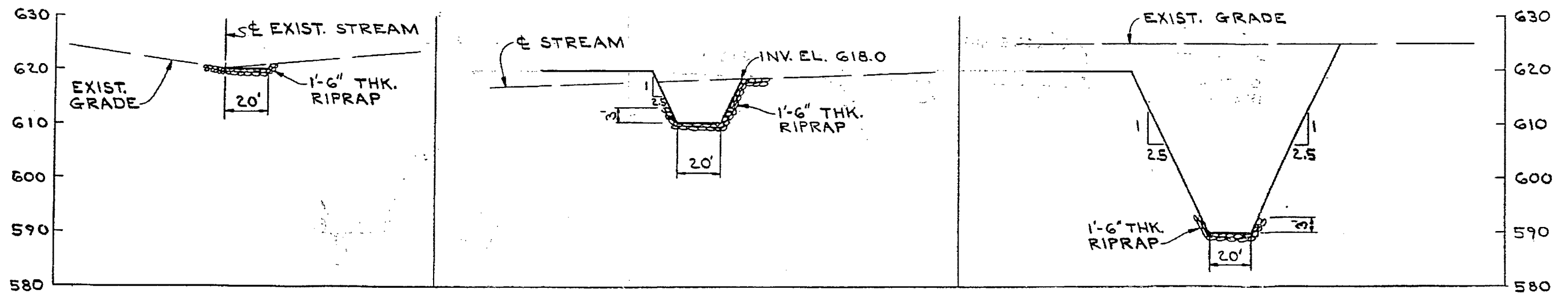


	PERRY NUCLEAR POWER PLANT THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
	Plan-Minor Stream
	Figure 2.4-7



PROFILE OF DIVERSION CHANNEL

SCALE: HORIZ. 1" = 300'-0"  
VERT. 1" = 20'-0"




SECTION A-A

SECTION B-B

SECTION C-C

SCALE: HORIZ. 1" = 50'-0"  
VERT. 1" = 20'-0"

	<p>PERRY NUCLEAR POWER PLANT THE CLEVELAND ELECTRIC ILLUMINATING COMPANY</p>
	<p>Profile and Typical Cross Sections-Minor Stream</p>
	<p>Figure 2.4-8</p>