



## Department of Energy

Fermi Area Office  
Post Office Box 2000  
Batavia, Illinois 60510

DEC 9 2010

Dr. Bruce L. Chrisman  
Chief Operating Officer  
Fermilab  
P.O. Box 500  
Batavia, IL 60510

Dear Dr. Chrisman:

SUBJECT: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT MODIFICATION REQUEST FOR FERMI NATIONAL ACCELERATOR  
LABORATORY (FERMILAB), BATAVIA, ILLINOIS, PERMIT NO. IL0026123

- References:
- 1) Letter, A. Keller, Illinois Environmental Protection Agency (IEPA) to M. Bollinger, U.S. Department of Energy (DOE), dated December 2, 2010, Subject: No NPDES Permit Modification Required
  - 2) Letter, M. Bollinger to A. Keller, dated June 11, 2010, Subject: NPDES Permit Modification Request

Enclosed is the IEPA letter (Reference 1) stating that no NPDES permit modification is required for NPDES Permit Number IL0026123. IEPA reviewed Fermilab's letter and supporting documents (Reference 2) and approved our request to 1) substitute one biocide for another as part of the non-contact cooling water operations performed at the Central Utilities Building and 2) to install a chemical treatment system at the Industrial Building 1 non-contact cooling water system. Fermilab's proposed usage of Spectrus Oxide 109 (replaces Spectrus Oxide 909), Spectrus NX112, sodium hypochlorite, and Spectrus DT1404 can start immediately.

If you have any questions regarding this correspondence, please contact Rick Hersemann, of my staff, at (630) 840-4122.

Sincerely,

Mark E. Bollinger  
Acting Site Manager

Enclosure:  
As Stated

cc: P. Oddone, w/o encl.  
Y.K. Kim, w/o encl.  
N. Grossman, w/encl.  
R. Orgiesen, w/encl.



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-0610  
December 2, 2010  
Mark E. Bollinger  
Department of Energy  
Fermi Site Office  
Post Office Box 2000  
Batavia, Illinois 60510

Re: Department of Energy  
NPDES Permit No. IL0026123  
Request for the Use of Water Treatment Additives  
NO NPDES PERMIT MODIFICATION REQUIRED

Mr. Bollinger:

The Agency received your letter and supporting documents dated June 11, 2010. We have reviewed the submittal and find that an NPDES permit modification is not required under Illinois Pollution Control Board Chapter 1: Subtitle C Regulations, Sub-part A for the facilities proposed.

The proposed usage of Spectrus OX 109 (replaces Spectrus OX 909), Spectrus NX112, sodium hypochlorite, and Spectrus DT1404 is approved by the Agency, and does not require the modification of NPDES Permit IL0026123.

This notice of no NPDES permit modification required constitutes final action by this Agency on this submission.

Should you have any questions or comments regarding the above, please contact Shu-Mei Tsai, at the indicated telephone number and address.

Sincerely,

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

SAK:SMT:IL0026123

cc: Records  
Des Plaines FOS  
CAS