

common control. Table 1, Attachment A, shows the boilers historical emissions and the emissions used in the CILCO netting exercise.

- b.
 - i. Conditions 4 through 8 below are being imposed to make the emission decreases permanent and enforceable and first become effective in the complete calendar month following the adjacent cogeneration facility becoming operational.
 - ii.
 - A. For the purpose of this permit, the electrical generating facility shall be considered operational on the commercial operation date when it is obligated under contract to deliver steam to CAT or generate electricity for sale to its customers. (Before the commercial operation date, the facility will go through sequence of shakedown modes, for example testing for proper functionality of turbines, generating equipment and the steam system.)
 - B. This date shall be presumed to have occurred 180 days after the initial startup date of the adjacent cogeneration facility unless the Illinois EPA authorizes on extended period of shakedown based upon a written request that shows 180 days will be insufficient to complete shakedown due to extended outage(s) needed to complete or correct deficiencies in the construction of the facility.
4. The N Building boilers (units BV1 - BV6) shall be permanently removed from service promptly after CILCO and CAT determine that the cogeneration facility can reliably supply steam.
- 5a. The Permittee shall keep records indicating the amount of steam received through the steam header connection, lb/month;
- b. All records required by this Permit shall be retained by the Permittee for at least 3 years at a location at the source that is readily accessible to the Illinois EPA and be available for copying by the Illinois EPA upon request.
6. The Permittee shall provide notification to the Illinois EPA as within 30 days of each of the following dates:
 - a. Shakedown completion data, i.e., the data that the Permittee determines that the steam header connection is ready to and capable of receiving steam from the CILCO supply;
 - b. Startup date of the steam header connection, i.e., the date that the Permittee initially receives steam from CILCO through the steam header connection;
 - c. Commercial operation date of the adjacent cogeneration facility; and
 - d. Date boilers are permanently removed from service.
7. Two copies of required reports and notifications shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control

Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one copy shall be sent to the Illinois EPA's regional office at the following address, unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 N. University
Peoria, Illinois 61614

Telephone 309/693-5461 Facsimile 309/693-5467

If you have any questions concerning this, please contact Troy Poorman at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:TDP

Attachments

CC: Region 2
CILCO

Attachment A

Table 1

Steam Plant Emissions, Building N
(Ton/Year)

<u>Pollutant</u>	<u>1996</u>	<u>1997</u>	<u>Two Year Average</u>	<u>Decrease in Emissions Relied Upon for Cogeneration ¹</u>	<u>Decrease in Emissions not Relied Upon</u>
NO _x	562	533	548	496.8	51.2
SO ₂	510	450	480	--	480
CO	202	192	197	153.3	43.7
PM	61	86	74	4.4	69.6
PM ₁₀	12	17	15	13.4	1.6
VOM	2	2	2	1.5	0.5

Emissions from annual emissions reports

1. Emissions used in CILCO netting exercise.