

## VOLUNTARY MERCURY REDUCTION AGREEMENT

### INTENT

Alliant Energy supports the efforts of the State of Minnesota in the implementation of a voluntary program to reduce mercury use and emissions. It is Alliant Energy's intent to enter into a voluntary mercury reduction agreement with the Minnesota Pollution Control Agency (MPCA).

### SPECIFIC PLANS AND OBJECTIVES

The releases of mercury from Alliant Energy's Fox Lake Power Station are well below the 50 pounds per year identified by the MPCA as sources targeted for the voluntary reduction program. As such, Alliant Energy is participating in the voluntary mercury reduction agreement as an interested party. Alliant Energy's specific plans for the voluntary agreement are as follows:

- One of the objectives of Alliant Energy's participation in the voluntary mercury reduction program is to reduce the amount of mercury used within the Fox Lake Power Station. As mercury-containing equipment and instrumentation requires repair or is taken out of service, Alliant Energy will evaluate non-mercury options. Non-mercury replacement options will be selected if they are technologically proven and economically feasible.
- A second objective is to reduce the mercury emissions associated with the generation of electricity based on 1990 levels. In 1990, mercury emissions from generation of electricity at the Fox Lake Power Station were 11.1 pounds. Due to the reduction in coal burned by the facility, the mercury emissions were reduced to 0.1 pounds in 1998, a reduction of 99.1%.
- The final objective is to educate employees on ways to incorporate mercury reduction into business operations and personal lives. Alliant Energy plans to provide informational materials to employees and have open discussions on the hazards associated with mercury use and the various opportunities to reduce releases of mercury into the environment.

### SCHEDULE

- Alliant Energy has begun implementation of our voluntary mercury reduction program by switching from coal to natural gas as the main source of combustion fuel at the Fox Lake Power Station.
- Alliant Energy has inventoried the products at the Fox Lake Power Station that contain mercury. We are developing a procedure for evaluating equipment that is coming out of service or going for repair that will allow facility staff to determine the potential for mercury-containing items to be present. The procedure to evaluate equipment should be available by the June 30, 2000. If mercury-containing items are present, facility staff will evaluate non-mercury containing alternatives. Alliant Energy has already reduced the pounds of mercury in equipment from the 100 pounds in 1990 to approximately 54 pounds in 1998.

- Educational materials will be made available in the employee breakroom to identify the issues associated with mercury emissions and provide local options for recycling mercury. The educational materials will be made available by June 30, 2000.

#### PERFORMANCE MEASURES

- On an annual basis, Alliant Energy will provide a status report on the mercury reduction efforts for the Fox Lake Power Station.
- The status report will be submitted by January 31 of each year.
- The status report will outline any further reduction in mercury emissions and will provide a summary of the mercury-containing items that have been removed from service. The status report will be in letter format and will likely include the summary in tabular form.