

**ACID RAIN PROGRAM
PHASE II PERMIT**

Reliant Energy/Shelby Energy Center
Attention: Mr. David G. Tees, Designated Representative
1111 Louisiana
Houston, TX 77002

Draft

Oris No.: **55237**
IEPA ID No.: 173801AAA
Source/Unit: Shelby Energy Center, GT's 1through 8 @ Sigel
Date Received: December 10, 1999
Date Issued:
Effective Date : January 1, 2000
Expiration Date: December 31, 2004

STATEMENT OF BASIS:

In accordance with Section 39.5(17)(b), Title IV; Acid Rain Provisions, of the Illinois Environmental Protection Act [415 ILCS 5/1 et Seq.] and Titles IV and V of the Clean Air Act, the Illinois Environmental Protection Agency is issuing this Acid Rain Program Phase II permit for the Shelby Energy Center Power Plant.

SULFUR DIOXIDE (SO₂) ALLOCATIONS AND NITROGEN OXIDE (NO_x) REQUIREMENTS FOR EACH AFFECTED UNIT:

		2000	2001	2002	2003	2004
UNITS 1 through 8	SO ₂ Allowances, under Tables 2, 3, or 4 of 40 CFR Part 73	N/A	N/A	N/A	N/A	N/A
	NO _x limit	These units are not subject to a NO _x emissions limitation under 40 CFR part 76.				

The construction permit # 99090085 issued by Illinois EPA contains provisions related to sulfur dioxide (SO₂) emissions. The acid rain permit also contains provisions related to sulfur dioxide (SO₂) emissions and requires the owners and operators to hold SO₂ allowances to account for SO₂ emissions beginning in the year 2000. An allowance is a limited authorization to emit up to one ton of SO₂

during or after a specified calendar year. Although this plant was not eligible for an allowance allocated by USEPA, the owners or operators may obtain SO₂ allowances to cover emissions from other sources under a marketable allowance program. The transfer of allowances to and from a unit account does not necessitate a revision to the unit SO₂ allocations denoted in this permit (See 40 CFR 72.84).

COMMENTS, NOTES AND JUSTIFICATIONS: This permit does not affect the Shelby Energy Center Power Plant's responsibility to meet all other applicable local, state, and federal requirements, including requirements addressing NO_x emissions.

PERMIT APPLICATION: The SO₂ allowance requirements and other standard requirements are attached and incorporated as part of this permit. The owners and operators of this source must comply with the standard requirements and special provisions set forth in the application.

If you have any questions regarding this permit, please contact Shashi Shah at 217-782-7395.

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

cc: Cecilia Mijares, USEPA Region V
IEPA Region 3