

**ANNUAL PROJECT REPORT
AS OF DECEMBER 2001**

1. PROJECT SPONSOR:

Department of Facilities Planning
& Engineering
Medical College of Ohio
Dowling Hall, Room 10
3065 Arlington Avenue
Toledo, Ohio 43614-5807

2. PROJECT MANAGER:

Mr. Donald O. Roberts
Director, Capital Project Planning
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3. OCDO GRANT NO.: CDO/D-96-2

4. PROJECT: UPDATE

5. PROJECT TITLE: SO₂ Scrubber Rapid Absorption Process Demonstration Facilities

6. PROJECT TERM: January 2, 1998 to March 31, 2002

7. BUDGET:

NAME

COST SHARE

OCDO	\$5,688,964.00
Medical College of Ohio	1,339,457.00
SFT, Inc.	284,018.00
Beaumont Environmental Systems	178,000.00

TOTAL PROJECT COST:

\$7,490,439.00

I. ABSTRACT

8. OVERVIEW OF PROJECT AND OBJECTIVES:

The objectives of this project are to demonstrate the applicability of an SO₂ Scrubber Rapid Absorption Process (RAP) system on Ohio coals containing high sulfur. The operation of the RAP system with the boilers is to demonstrate that high sulfur Ohio coal can be fired in the existing boilers while meeting or exceeding the requirements of the existing air emissions permit limits and to determine design and operating conditions for acceptable SO₂ removal efficiencies. Based on the results obtained from the RAP demonstration operation, technical and economic comparisons with other Flue Gas Desulfurization technologies are to be made.

- August 1 – 3, 2001
Maumee Bay Resort & Conference Center, Toledo, Ohio
SFT, Inc. Seminar
Twenty-Third Annual SFT Energy and Telecommunications Seminar
“Update on the LoTOx NOx Removal System Scrubber and RAP SO₂ Reduction System at Medical College of Ohio”
- August 9 - 11, 2000:
Maumee Bay Resort & Conference Center, Toledo, Ohio
SFT, Inc. Seminar
Twenty-Second Annual SFT Municipal, Industrial, & Institutional Utility Seminar
“The LoTOx NOx Removal System Scrubber and RAP SO₂ Reduction System at Medical College of Ohio”
- August 11 - 13, 1999:
Maumee Bay Resort & Conference Center, Toledo, Ohio
SFT, Inc. Seminar
Twenty-First Annual SFT Municipal, Industrial, and Institutional Utility Seminar
“SO₂ Reduction Options”
- August 5 - 7, 1998:
Maumee Bay Resort & Conference Center, Toledo, Ohio
SFT, Inc. Seminar
Twentieth Annual SFT Municipal, Industrial, and Institutional Utility Seminar
“MCO’s NOx and SO₂ Reduction Projects”