



**Project:**

Emsworth Lock & Dam Gate Machinery & Electrical Replacement, Emsworth Lock & Dam

**Contract No.:**

W911WN-05-C-0003  
KECI Job No.052164

**Location:**

Ohio River, Allegheny Co.  
Pennsylvania

**Owner Representative:**

Dept. of the Army, Corps of Engineers  
Pittsburgh District  
Eastern Area Office  
0 Western Ave  
Pittsburgh, PA 15202-1708  
Owner Rep: John Pontius 412 395-7543

**General Contractor:**

OCCI, Inc.  
3200 County Road 257  
Fulton, MO 65251  
Ted Kettlewell  
Ph. 573-642-6087

**Original / Revised Subcontract Amount:**

\$2,075,325 / \$2,180,911

**Completion Date:**

April 2008



**Description of the Project:**

This work will consist of the replacement of all gates (6) on the back water dam. The existing gate machinery will be replaced with new hydraulic cylinders. New 480V gate machinery houses will be installed. New 480V motor control center, and back up generator will be installed, to include the upgrade and installation of new 480V service entrance power. All control panels for the new 480V gate machinery will be built and installed by Koontz. New 480V power, control circuits, grounding, lightning protection, and fiber optic will be installed. All conduit will be replaced with new. This project is a total rehabilitation of the back water dam.



# Emsworth Gate Machinery & Electrical Replacement