Columbia University’s goal is to provide economical and reliable air conditioning on a 24-hour basis to its Morningside campus buildings. In order to meet growing cooling demands, the University has committed to undertake a major expansion of its central refrigeration plant located in the original powerhouse. The new refrigeration machines will provide an additional 5,600 tons of cooling. Project completion is anticipated by fall 2010.

Construction Activities for the Weeks of:  
*February 1, 2010 and February 8, 2010*

**Week of February 1, 2010**

General Activities

- Floor removal in the powerhouse continues.
- Removal of abandoned chillers in the Fairchild building begins.
- Relocation of utilities and equipment continues in order to make room for new piping.
- Foundations will be prepared for piping in coal tunnels.

**Week of February 8, 2010**

General Activities

- Floor removal in the powerhouse will be completed.
- Spot removal of the Fairchild roof begins in preparation for the structural steel installation.
- Wall openings begin in the coal tunnel in preparation for the large bore piping installation.
- Relocation of existing utilities (to clear the path for the new piping) will be completed.

**Looking Ahead**

- During the upcoming months, there will be much activity in the areas of the Grove and Fairchild buildings. New cooling towers will be rigged in place on the Fairchild roof, which will require the use of the largest mobile crane available in New York City.
- In addition, 30 inch diameter pipe risers will be erected along the east side of the Fairchild building. The pipe risers will provide the cooling water for the new refrigeration machines.

**Need More Information?**

- For questions or concerns, please e-mail proj@columbia.edu or call the Columbia University Facilities Services Center at 212-854-2222.