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:
January 4, 2010 and January 11, 2010

Week of January 4, 2010
General Activities
- The campus wide chilled water system shutdown was completed on schedule. All systems were restored by December 30 in the later afternoon.
- Final preparations are taking place in the power house to enable the removal of the floors.
- Demolition of abandoned refrigeration equipment in Fairchild continues.

Week of January 11, 2010
General Activities
- Removal of the floors in the power house begins.
- Demolition of the abandoned refrigeration equipment in Fairchild continues.
- Restoration of the power house locker room begins to allow its use by contractors.

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 projx@columbia.edu or call the Columbia University Facilities Services Center at 212-854-2222.