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 15, 2010 and February 22, 2010*

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**Week of February 15, 2010**

**General Activities**

- Spot removal of the Fairchild roofing continues in preparation for the installation of new structural steel.
- Wall and floor openings in the coal tunnel begin in preparation for the installation of large bore piping.
- Relocation of existing utilities continues to clear the path for the new piping and equipment.
- Structural steel modifications begin in the Powerhouse.

**Week of February 22, 2010**

**General Activities**

- Removal of abandoned chillers in Fairchild Building penthouse machine space resumes.
- Wall and floor openings in the coal tunnel continues.
- Relocation of existing utilities in the powerhouse and coal tunnel continues.
- Removal of the powerhouse floor continues.

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**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.

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**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