Powerhouse Chiller Plant Expansion and Upgrades

Construction Activities for the Next Two Weeks

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.

**Week of June 21, 2010**

- Restoration of the powerhouse ash pit walls continues.
- Preparations continue for the installation of the new steel beams for the new floor in the powerhouse.
- Installation of the new electric service to the powerhouse from the CEPSR electric service continues.
- Delivery of the 30 inch diameter condenser water piping continues in the coal tunnels with one delivery per week for the duration of the project.
- Structural steel installation continues on the roof of the Fairchild building.
- **June 26-27:** Rigging of structural steel will take place. As a result, the following should be anticipated:
  - The Fairchild Building will not be accessible from 8:00 a.m.—to 6:00 p.m. on both days.
  - The Grove will be shut down to all vehicular and pedestrian traffic from 6:00 a.m.—7:00 p.m.
  - A crane will be stationed at The Grove. Trucks will be pulling in materials to be lifted.

This work is weather dependent, so please refer to the Facilities Web site for updates.

**Week of June 28, 2010**

- Installation of the new steel beams for the new floor in the powerhouse begins.
- Installation of the new electric service to the powerhouse from the CEPSR electric service continues.
- Delivery and installation of the 30 inch diameter condenser water piping continues in the coal tunnel.
- Plumbing relocations continues on the Fairchild roof and penthouse machine room.

**General Notes**

- Work hours are between 7:00 a.m. and 3:00 p.m., unless otherwise noted.

**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.