

THE UNIVERSITY OF MICHIGAN  
REGENTS COMMUNICATION

ACTION REQUEST

Subject: Central Heating Plant  
480 Volt Station Power System Upgrade

Action Requested: Approval to Proceed with Project


Background:

The Central Heating Plant (CHP) 480 Volt Station Power System Upgrade Project will replace a 2,400 volt fused switch, two 2,400-480 volt station power transformers, two sets of 480 volt switchgear, a 480 volt bus duct, seven motor starters, and several power circuits with new equipment and circuits having higher capacity. Most of the equipment and circuits being replaced are at least 50 years old, and are at the end of their normal useful lives. Replacing them before a failure occurs will improve the reliability of the electrical system and reduce the probability of an unplanned and potentially lengthy shutdown of the CHP. Replacing this equipment and circuitry will improve protective relay coordination and personnel safety.

The project is estimated to cost \$800,000 and will be funded from Central Heating Plant reserves. It is scheduled to begin in April, 2000, and be completed by the end of December, 2000. The project will be phased so that no shutdown of the Central Heating Plant will be required.

We recommend the Regents approve proceeding with the Central Heating Plant 480 Volt Station Power System Upgrade Project as described.

Respectfully submitted,



Robert Kasdin  
Executive Vice President

March 2000

**APPROVED BY THE REGENTS ON**

**MAR 20 2000**