

Subject: Abandoned Electrical Infrastructure - Cable Tagging and Removal	Effective Date: May 9, 2017	Initiated by: Head of Engineering Department
	Supersedes: New	Approved: Director

Management System (Primary): 03.00 Engineering
Management System Owner: Head, Engineering
Management Process: 03.04 Engineering Programs and Processes
Process Owner: Head, Engineering
Sub-Process: 03.04.09 Approval of Electrical Equipment and Installations
Sub-Process Owner: Head, Power Systems Group
Subject Matter Experts (SMEs): Head, Power Systems Group

It is laboratory policy that whenever electrical cable and/or raceways are no longer required, they should be physically demolished, removed and recycled. Removal of these abandoned cables and raceways may provide future cable space in existing cable trays and/or new conduit/raceway paths through congested utility areas. Further, the removal of unused electrical infrastructure will greatly reduce the fire hazard potential of existing buildings and the associated electrical safety hazards of abandoned cables that may be inadvertently energized.

In all cases, electrical infrastructure not in use or abandoned in place (those that exist now and are known, as well as future discoveries) must be disconnected from any source of power and have both ends properly insulated by an appropriate electrical method or properly secured using terminal blocks, such that no electrical conductor is exposed. Each cable end must be properly tagged indicating at least; the date it was abandoned, the contact and/or department name, the original cable circuit load that was removed, the location panel or building reference, the abandoned cable's other end location, and the reason for its abandonment.

Electrical infrastructure systems that have been disconnected and labeled in accordance with this policy shall be listed, evaluated and a recommendation made for removal or abandonment in place by the Power Systems Group. The evaluation shall include risks from electrical infrastructure demolition and removal and potential disruption to surrounding areas and/or other utilities. Based on this evaluation, the Power Systems Group Head shall recommend demolition and removal or abandoned-in-place.

Equipment identified for demolition shall be scheduled when the opportunity presents itself (i.e., when budget relief, personnel availability, removal of other equipment in same area, potential for future use of cable, lower potential for damaging other cables during removal, etc., exists).