

CP3-EN-0207 – F01 FACILITY CHANGE TRAVELER

FCT-CEE-FA5270-001, Rev. 0 (CFC)

FACILITY CHANGE TRAVELER (FCT)		
Title: Electrical Power to C-100 HVAC Upgrade	Work Order Number:	
FCT Number: FCT-CEE-FA5270-001	Revision #: 0	ESO Number: FA5270

Description (Additional sheets may be attached)

The work performed under this FCT is for installation of equipment/materials related to extending 14.4 Kv power and relocating a transformer to a point local to the new C-100 HVAC equipment installation.

Restrictions/Special Instructions – (Identify PMT actions if required)

WARNING:
 If CAAS and/or Fire Alarm Data Gathering Panels (DGP) are temporarily impacted (e.g. service interruption) by the FCT, **then** compensatory measures must be identified in the FCT to be in place prior to the execution of the work.

No.	Action
1.0	NOTE: De-energizing the 15kV overhead line ER1 will affect various buildings and may affect criticality alarm systems (CAAS), P. A. speakers and fire alarm DGP's. Put appropriate sections of ER-1 on LOTO and ensure notifications/announcements are in place prior to work start.
2.0	De-energizing line ER-1 may affect power to the fire alarm DGP panels in C-412 and C-709. Ensure Fire Services is notified prior to removal of power.
3.0	Prior to removal of power, take note of phase rotation for future reference.
4.0	Perform overhead line installation and final ties as described in DIVS-FA5270-E01.

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Attachments

No.	Title
1	None

Facility Change Authorization

Responsible Engineer	<i>C. A. Spring</i>	Date:	<i>1/24/19</i>
Checker	<i>Clay Slusmeyer / Clay Slusmeyer</i>	Date:	<i>1/24/19</i>
Engineering Manager or Designee	<i>Kam Sijena</i>	Date:	<i>1/24/19</i>

Modification Drawings:

E5D-FA5270-A01, Rev. 0 C-100 HVAC Upgrade
 Equipment Plan
 Electrical Section and Details

Reference Drawings:

E7DC40000A004 Power Supply for C-400 Soil Treatment
 Electrical Power
 One Line Diagram

E5E-17192-A00 Paducah Plant Auxiliary
 Power Distribution System

E5X-17192-B00 Key Plan
 Overhead Distribution
 And Area Lighting