



Notice of Service Interruption/Area Closure
Western University
Facilities Management
Client Services 519-661-3304 (fmhelp@uwo.ca)

Submit by E-mail

Print Form

Date of Interruption/Closure **January 19, 2016**

Time(s): **6:00am - 3:00pm**

Building(s) #1 **THE COLLIDER (COL)**

#2

Affected:

#3

#4

Areas/Rooms Affected Alternate Route/Service:

Emergency Power - Remove existing transfer switch and install temporary switch so the existing can be upgraded in factory.
Normal Power - Will be off from 6am to 8am to allow for a safe work area.

Service to be interrupted: #1 **Normal Electrical Power (6am-8am)**

#2

Emergency Electrical Power (6am-3pm)

#3

#4

Description/Reason for Project:

Upgrade of existing transfer switch.

Requester: **Fred Janzen**

Date of Request: **Jan 7, 2016**

Supervising Tradesperson:

Unit:

Trade Supervisor:

Unit:

Date:

Contractor: **Tonda/Arcon electric - Ryan Venderheyden**

Phone # **+1 (519) 868-6864**

Coordinator/Project Manager: **Fred Janzen**

Phone # **+1 (519) 521-2454**

Date: **Jan 7, 2016**

Reviewed by Trade Supervisor(s)/Shop(s) Affected:

Name: **Electrical Shop**

Date: **Jan 11, 2016**

Signature/
Stamp:

REVIEWED

By Heather Zavitz (hzavitz@uwo.ca) at 11:08 am, Jan 11, 2016

Name: **WES Control**

Date: **Jan 11, 2016**

Signature/
Stamp:

REVIEWED

By Wayne Drummond (ppdwad@uwo.ca) at 8:35 am, Jan 11, 2016



Name: **Electrical / Mechanical Shop**

Date: **Jan 11, 2016**

Signature/
Stamp:

APPROVED

By Steve MacKay (smackay@uwo.ca) at 7:53 am, Jan 11, 2016

Name: **Fire Safety**

Date:

Signature/
Stamp:

REVIEWED

By Jenn Romyn (jromyn2@uwo.ca) at 11:57 am, Jan 13, 2016

Name:

Date:

Signature/
Stamp:

Principal Occupants:

Name:

Ext.

Date:

Name:

Ext.

Date:

Name:

Ext.

Date:

Name:

Ext.

Date:

Approval to Proceed:

Date:

APPROVED

By Dan Trudgeon (fminterr@uwo.ca) at 7:26 am, Jan 14, 2016

Notes: **Note that normal electrical service will be affected from 6am to 8am.**

Fred Janzen

From: Ryan Vanderheyden <Ryan@arconelectric.ca>
Sent: Friday, January 08, 2016 9:57 AM
To: Fred Janzen; Martin.Smith@emerson.com; Paul W
Cc: bmurf@racon-eng.com; Mark Przewieda; Michelle Cook; Dan Hogg;
Brad.Buckler@emerson.com; Mike.lammatteo@emerson.com; Doug Vandevrie; Josh Grant
Subject: RE: RDC #2155 - SI-04R1 - ATS Modification

Fred / Paul

Resolution to Node room Panel.

Use temporary generator to feed Panel DPSP2A, which will keep Node room, 5KW inverter and panel RPSP2A energized throughout the shutdown once this has been connected to Temp Generator.

I suggest we start at 6am to reduce the impact to building occupants and by 8am we will be into the removal portion and if all goes well by 3pm we will be ready to work backwards to energize.

#1 - Shutdown #1 -30min

Shutoff, lockout main breaker feeding DPSP2A, Remove feeder and connect temporary Generator. Start Generator

#2 - Shutoff and Lockout main generator

#3 - Shutdown #2 – 1HR

Shutoff, DPSP6A Load Breakers

Shutoff, lockout main switchgear SW-2

All systems will be without power except Resolution to Node room panel.

Disconnect and remove feeder from 800A ATS breaker.

Close up switchgear and reenergize SW-2

Power will be restored to all normal power systems only as well.

#4 – 7HR- At this point we can remove permanent ATS, generator feeder and load cables to DPSP6A. Installation of temporary transfer switch and cables.

#5 – Shutdown #3 – 1 HR

Shutoff, lockout main switchgear SW-2

All systems will be without power except Resolution to Node room panel.

Install feeder from 800A ATS breaker.

Energize SW-2 Main Breaker

Power will be restored to all normal power systems.

#6 - Energize Generator and 800A feeder to ATS and complete Phase rotation checks – 1HR

#7 – Energize DPSP6A Load breakers.

#8 – Complete ATS transfer test. - .5HR

#9 - Shutdown #4 -30min

Shutoff, lockout main breaker feeding DPSP2A, Remove temp generator feeder and reconnect permanent feeder.

This should complete the work and it will be exactly the same when we reinstall the permanent.

Thanks

Ryan Vanderheyden
Arcon Electric
Cell 519-868-6864

From: Fred Janzen [mailto:fjanzen2@uwo.ca]

Sent: January-08-16 8:37 AM

To: Ryan Vanderheyden <Ryan@arconelectric.ca>; Martin.Smith@emerson.com; Paul W <paulw@tonda.on.ca>

Cc: bmurf@racon-eng.com; Mark Przewieda <Mark@arconelectric.ca>; Michelle Cook <info@arconelectric.ca>; Dan Hogg <DHogg@wescodist.com>; Brad.Buckler@emerson.com; Mike.lammatteo@emerson.com; Doug Vandevrie <doug@uwo.ca>; Josh Grant <JGrant@arconelectric.ca>

Subject: RE: RDC #2155 - SI-04R1 - ATS Modification

Ryan/Paul/Martin:

I have discussed what is needed for the service interruption with Ryan.

The service interruption needs to be completed today if we want to do this work next week.

We need an order of operations/description of the steps including the services that are interrupted and the duration of the interruption.

Fred



Fred A. Janzen B.E.S., P.M.P.

Project Manager, Facilities Management

Western University

ph.: 519.661.2111 ext.80325 fax: 519-850.2323

cell : 519-521-2454

From: Ryan Vanderheyden [mailto:Ryan@arconelectric.ca]

Sent: Thursday, January 07, 2016 1:01 PM

To: Fred Janzen <fjanzen2@uwo.ca>; Martin.Smith@emerson.com; Paul W <paulw@tonda.on.ca>

Cc: bmurf@racon-eng.com; Mark Przewieda <Mark@arconelectric.ca>; Michelle Cook <info@arconelectric.ca>; Dan Hogg <DHogg@wescodist.com>; Brad.Buckler@emerson.com; Mike.lammatteo@emerson.com; Fred Janzen <fjanzen2@uwo.ca>; Doug Vandevrie <doug@uwo.ca>; Josh Grant <JGrant@arconelectric.ca>

Subject: Re: RDC #2155 - SI-04R1 - ATS Modification

Fred/ Paul / Martin

We can arrange for Thursday Jan 14th, if the temporary switch is on site Tuesday Jan 12. Also the arrangement should be made for the Permanent switch to be picked up Friday Jan 15th before 12.

Thanks

Ryan Vanderheyden
Arcon Electric Ltd.
519-868-6864

From: Fred Janzen

Sent: Thursday, January 7, 2016 11:18 AM

To: Martin.Smith@emerson.com

Cc: Ryan Vanderheyden; bmurf@racon-eng.com; Mark Przewieda; Michelle Cook; DHogg@wescodist.com; paulw@tonda.on.ca; Brad.Buckler@emerson.com; Mike.lammatteo@emerson.com; Fred Janzen; DFroug Vandevrie

Subject: RE: RDC #2155 - SI-04R1 - ATS Modification

Thanks Martin.

Paul/Ryan:

When do you want to complete the transition to the temporary switch? Thursday the 14th of Friday the 15th?

Let me know asap so that I can get the service interruptions organized.

Tx

Fred



Fred A. Janzen B.E.S., P.M.P.

Project Manager, Facilities Management

Western University

ph.: 519.661.2111 ext.80325 fax: 519-850.2323

cell : 519-521-2454

From: Martin.Smith@emerson.com [<mailto:Martin.Smith@emerson.com>]

Sent: Thursday, January 07, 2016 11:02 AM

To: Fred Janzen <fjanzen2@uwo.ca>

Cc: Ryan@arconelectric.ca; bmurf@racon-eng.com; Mark@arconelectric.ca; info@arconelectric.ca; DHogg@wescodist.com; paulw@tonda.on.ca; Brad.Buckler@emerson.com; Mike.lammatteo@emerson.com

Subject: Re: RDC #2155 - SI-04R1 - ATS Modification

Fred

We will be ready in the plant to do the conversion the week of the 18th.

Let me know your schedules so we can get the temp switch sent over to you. We will have this on site a day or two before we receive the main unit into our facility.

Regards

Martin Smith | Application Specialist | ASCO Power Switching and Controls

Emerson Network Power | [17 Airport Road](#) | [Brantford, ON N3T 5L7](#)

T [5197588450](tel:5197588450) | M [4162091615](tel:4162091615) | F [5197580876](tel:5197580876) | TF [1-800-800-ASCO](tel:1-800-800-ASCO)

Martin.smith@emerson.com

On Jan 6, 2016, at 8:34 AM, Fred Janzen <fjanzen2@uwo.ca> wrote:

Martin:

Please provide an update on the schedule of this work.

Tx

Fred

<image001.gif>

Fred A. Janzen B.E.S., P.M.P.
Project Manager, Facilities Management
Western University
ph.: 519.661.2111 ext.80325 fax: 519-850.2323
cell : 519-521-2454

From: Martin.Smith@emerson.com [<mailto:Martin.Smith@emerson.com>]

Sent: Thursday, December 17, 2015 10:24 AM

To: Ryan@arconelectric.ca

Cc: Fred Janzen <fjanzen2@uwo.ca>; bmurf@racon-eng.com; Mark@arconelectric.ca; info@arconelectric.ca; DHogg@wescodist.com

Subject: RE: RDC #2155 - SI-04R1 - ATS Modification

As per the conversation with Fred Janzen, Brad Murphy, Brad Buckler and myself regarding changing the existing onsite transfer switch to Delayed Transition from its current open transition mode the following has been determined as the course of action to get the change over done with minimal impact to the facility.

The existing transfer switch must be returned to Brantford for the changeover. This needs to be done to ensure the proper testing and recertification of the transfer switch to the applicable CSA design and testing standards for Delayed Transition can be done in a controlled test environment.

Asco Power will provide a temporary 800amp Transfer Switch to be installed while the permanent unit is removed and changed. Drawings for this temporary unit are attached to this email. Temporary unit will be removed and returned to Asco Power once change over is complete. Installation and removal of both units is to be done by electrical contractor.

Currently as the process stands right now the following items have been completed

- Delayed Transition components have been determined and ordered with expected availability mid January
- Return Authorization Number has been issued for transfer switch coming back to Asco Power
- Temporary 800amp switch is being made ready and will be sent out once a date for change over is confirmed.

Martin Smith | Application Specialist | ASCO Power Switching and Controls
Emerson Network Power | 17 Airport Road | Brantford, ON N3T 5L7
T 5197588450 | M 4162091615 | F 5197580876 | TF 1-800-800-ASCO
Martin.Smith@emerson.com
www.EmersonNetworkPower.com www.AscoAPU.com

Merry Christmas.

Please be advised that Asco Power Technologies is closed for the Christmas Holiday from Dec 23rd till Jan 4th

From: Ryan Vanderheyden [<mailto:Ryan@arconelectric.ca>]

Sent: Friday, December 11, 2015 2:03 PM

To: Smith, Martin [NETPWR/ASCOPWR/CABR]

Cc: Fred Janzen; Brad Murphy; Mark Przewieda; Michelle Cook; Dan Hogg (DHogg@wescodist.com)

Subject: RE: RDC #2155 - SI-04R1 - ATS Modification

Martin

Can you provide a cut sheet on the temporary unit being supplied by Asco, We would like to review this to ensure there are no unforeseen issues with size and cable connection requirements.

Thanks

Ryan Vanderheyden
Arcon Electric
Cell 519-868-6864