

<b>ARCS PROCEDURE:</b>  Author: W. Kornke	<b>ARCS SITE SHUTDOWN SEQUENCE</b>	<b>PRO(PWR)-006.000</b>  February 9, 2001 Page 1 of 3
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## **ARCS Site Shutdown Sequence**

### **I. Purpose:**

When Grid power is out and there is no fuel available for ARCS Genset, the site needs to be shutdown softly before it crashes. This procedure outlines this shutdown.

### **II. Cautions and Hazards:**

- It is important that all equipment be powered down “gracefully” according to procedure.

### **III. Requirements:**

None.

### **IV. Procedure:**

#### **A. GENSET:**

1. Assuming the Genset is running:
  - a. Flip the large lever on the right side of the Genset below the control panel to the down or “OFF” position. This removes the load from the Genset.
  - b. Turn the selector on the control panel to the 9 o’clock (stop/cool down) position. This will allow the Genset to go through a cool down period before shutting off.
2. If the Genset is not running, turn the selector to “Off/Reset.”
3. See Genset Shutdown Procedure

#### **B. I-Van:**

1. Turn off air conditioners.
2. Use shutdown/power down procedure for WSI
3. Use shutdown/power down procedure for MMCR
4. Use shutdown/power down procedure for MPL
5. Use shutdown/power down procedure for MWR
6. Use shutdown/power down procedure for Ceilometer
  - On the above, make sure that the PC/laptops are in a “safe to shutdown” mode.

<b>ARCS PROCEDURE:</b>  Author: W. Kornke	<b>ARCS SITE SHUTDOWN SEQUENCE</b>	<b>PRO(PWR)-006.000</b>  February 9, 2001 Page 2 of 3
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7. On the big Clary UPS, flip the red emergency – off lever to “OFF”

**C. D-Van:**

1. Turn off Air conditioners.
2. Log in as `root` and to an `init 5` on ADaM and Eve. This will halt the machine for power down.
3. Power off ADaM and Eve.
4. Power down the file server.
5. Power down the remaining equipment in the ADaM rack including the APC.
6. Go to the SAM laptop and start closing the applications.
7. Shutdown the SAM laptop and remove power.
8. On the big Clary UPS, flip the RED emergency-off lever to “off.”

**D. E-Van:**

1. Turn off air conditioner.
2. Close all windows on the BBSS laptop. Select “shutdown” from the Start menu.
3. Power down Digicora and DCP. You may want to do this for the observer’s laptop also.
4. EMWIN-if there is a procedure, then use it. If not, try closing all windows/applications and select “shutdown” from the Start menu (Nauru only).

**E. A-Van (Nauru only):**

1. Turn off air conditioner
2. Turn off AERI computers and equipment

**V. References:**

1. WSI Shutdown Procedure, PRO(WSI)-009.000
2. MMCR Automatic Shutdown Procedure, PRO(MMCR)-002.000
3. MMCR Manual Shutdown Procedure, PRO(MMCR)-003.000
4. MPL Cold Start and Shutdown, PRO(MPL)-003.003
5. MWR Restart/Shutdown Procedure, PRO(MWR)-004.002
6. Ceilometer Shutdown/Restart Procedure, PRO(MMCR)-005.002
7. GENSET Shutdown Procedure, PRO(GEN)-003.003

<b>ARCS PROCEDURE:</b>  Author: W. Kornke	<b>ARCS SITE SHUTDOWN SEQUENCE</b>	<b>PRO(PWR)-006.000</b>  February 9, 2001 Page 3 of 3
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**VI. Attachments:**

None.