

# NEWFOUNDLAND POWER

## Preventive Maintenance Thermoscan Report

CA-20 (b)  
Attachment B

**Location:** Glendale Substation

**Feeder:**

Attention: XXXXXXXXXX

**W. O. Number:** \_\_\_\_\_

**Project Number:** \_\_\_\_\_

**Crew Assigned:** \_\_\_\_\_

**Date Assigned:** \_\_\_\_\_

**Date Completed:** \_\_\_\_\_

Priorities: (E) Emergency ASAP for >50 C rise;  
(P1) 2 weeks for 25 - 50 C rise; (P2) 2 months for 10 - 25 C rise

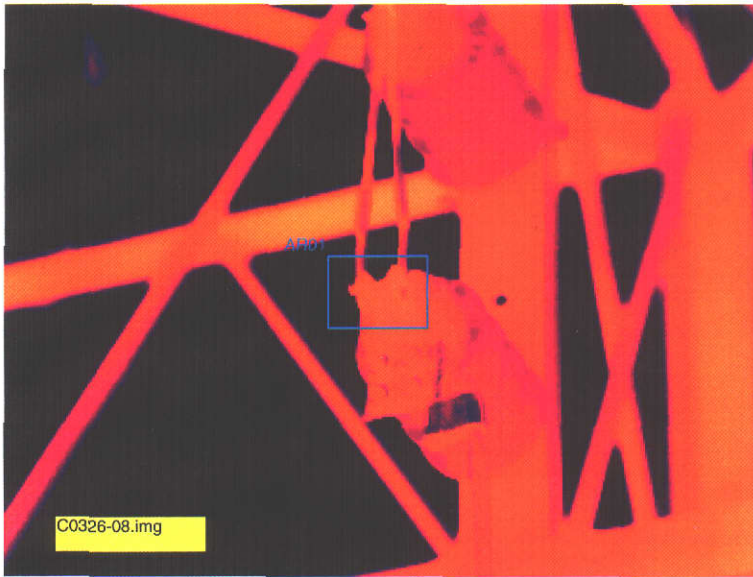
**NOTE:**

1. Load correction is the expected Delta T when an object reaches a known maximum load
2. Wind correction is a wind speed variable related to the cooling effect on an object

Operator: Patrick O'Keefe these shots were taken March 26 when paralleled with Hardwoods feeder.

# Job Activity Report - Thermography

Priority:



## Temperature

| Label  | Value | Diff   |
|--------|-------|--------|
| AR01 : | 9.3°C | 13.3°C |

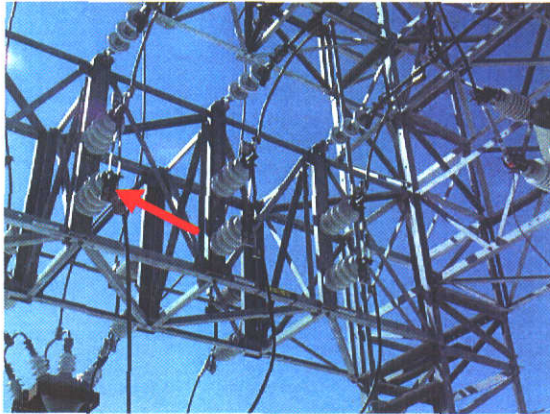
## Camera Settings

| IR information        | Value   |
|-----------------------|---------|
| Date of creation      | 3/26/02 |
| Object parameter      | Value   |
| Ambient temperature   | -3.5°C  |
| Reference temperature | -4.0°C  |
| Label                 | Value   |
| IR : max              | 12.9°C  |

Load: A: 500+

B: 500+

C: 500+



Location: GDL-01-DB left phase hinge bottom of switch

Line Truck Accessible

☒

Yes

☐

No

Feeder: GDL-01

Outage Required

☒

Yes

☐

No

Area: 01

Flagmen Required

☐

Yes

☒

No

Project No.

Sensitive Area

☐

Yes

☒

No

W.O. No.

GF

WF

Completed

\_\_\_/\_\_\_/\_\_\_

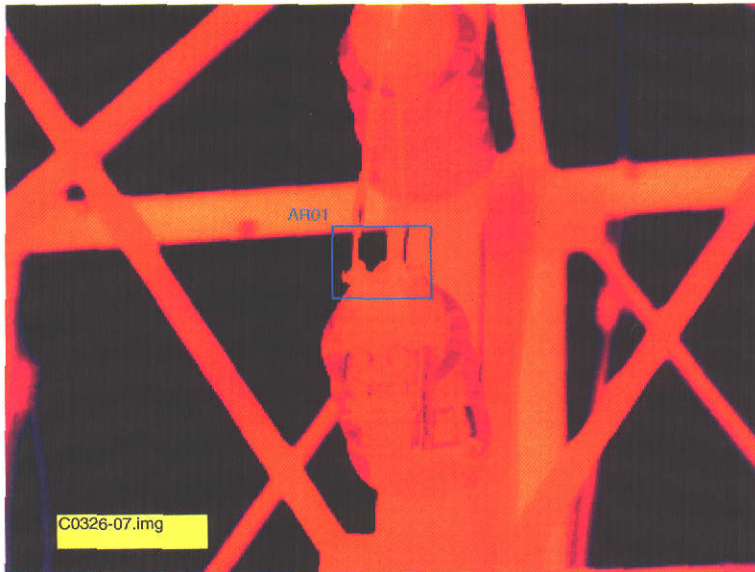
Completed

\_\_\_/\_\_\_/\_\_\_

Remarks: RETURN ANY REPLACED PARTS TO Patrick O'Keefe

# Job Activity Report - Thermography

Priority:



## Temperature

| Label  | Value | Diff   |
|--------|-------|--------|
| AR01 : | 9.3°C | 13.4°C |

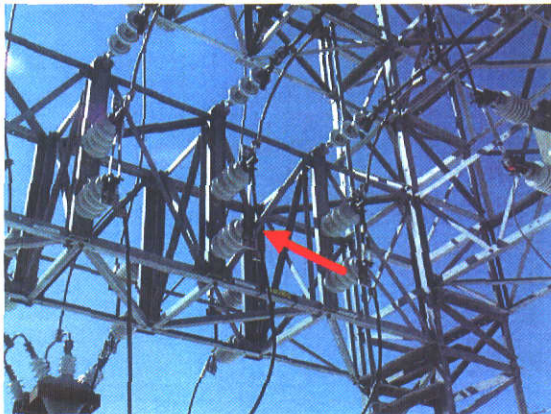
## Camera Settings

| IR information        |        | Value   |
|-----------------------|--------|---------|
| Date of creation      |        | 3/26/02 |
| Object parameter      |        | Value   |
| Ambient temperature   |        | -3.5°C  |
| Reference temperature |        | -4.0°C  |
| Label                 | Value  |         |
| IR : max              | 12.9°C |         |

Load: A: 500+

B: 500+

C: 500+



Location: GDL-01-DB center phase hinge bottom of switch

Line Truck Accessible

☒

Yes

☐

No

Feeder: GDL-01

Outage Required

☒

Yes

☐

No

Area: 01

Flagmen Required

☐

Yes

☒

No

Project No.

Sensitive Area

☐

Yes

☒

No

W.O. No.

GF

WF

Completed

\_\_\_/\_\_\_/\_\_\_

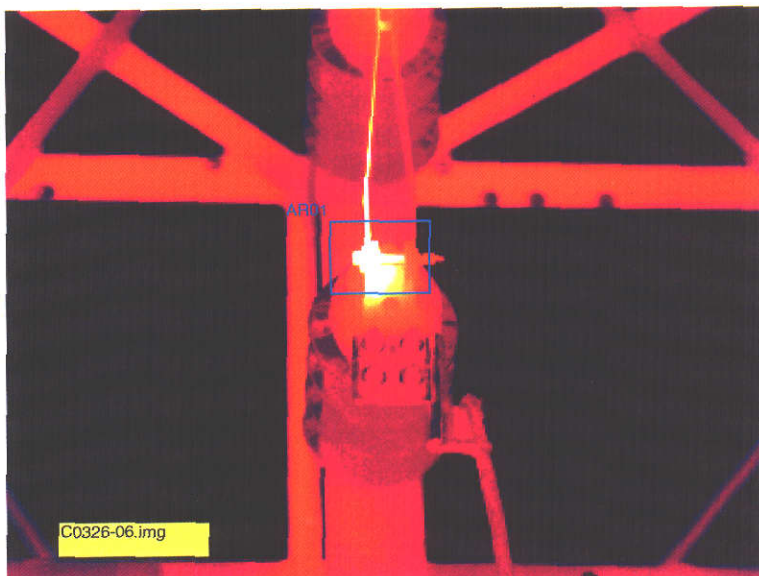
Completed

\_\_\_/\_\_\_/\_\_\_

Remarks: RETURN ANY REPLACED PARTS TO Patrick O'Keefe

# Job Activity Report - Thermography

Priority:E



## Temperature

| Label  | Value  | Diff   |
|--------|--------|--------|
| AR01 : | 69.8°C | 73.8°C |

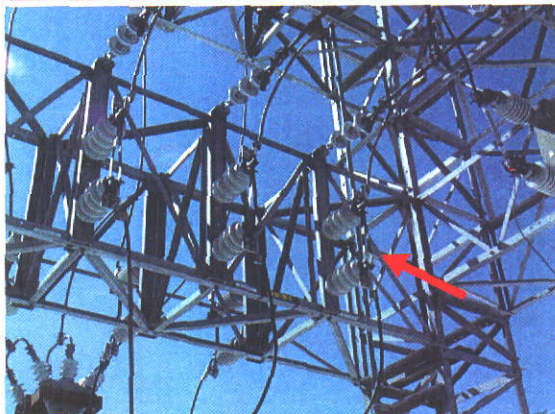
## Camera Settings

| IR information        | Value   |
|-----------------------|---------|
| Date of creation      | 3/26/02 |
| Object parameter      | Value   |
| Ambient temperature   | -3.5°C  |
| Reference temperature | -4.0°C  |
| Label                 | Value   |
| IR : max              | 69.8°C  |

Load: A: 500+

B: 500+

C: 500+



Location: GDL-01-DB right phase hinge bottom of switch

Line Truck Accessible

☒

Yes

☐

No

Feeder: GDL-01

Outage Required

☒

Yes

☐

No

Area: 01

Flagmen Required

☐

Yes

☒

No

Project No.

Sensitive Area

☐

Yes

☒

No

W.O. No.

GF

WF

Completed

\_\_\_/\_\_\_/\_\_\_

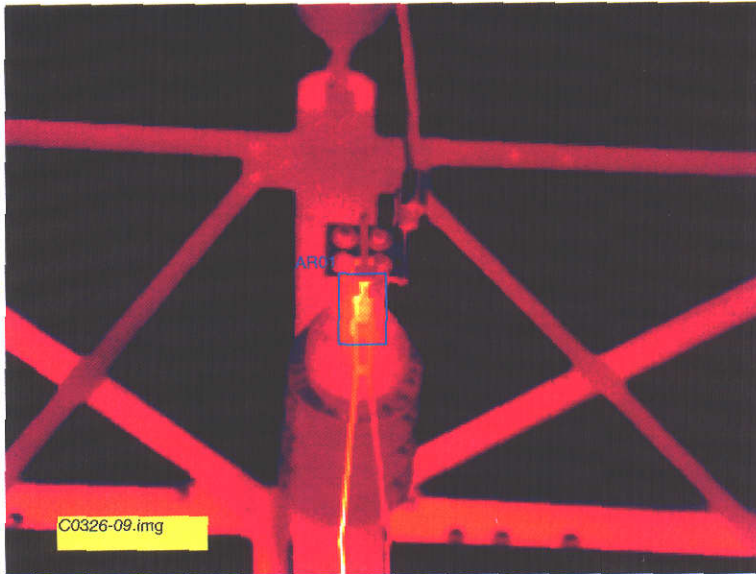
Completed

\_\_\_/\_\_\_/\_\_\_

Remarks: RETURN ANY REPLACED PARTS TO Patrick O'Keefe

# Job Activity Report - Thermography

Priority:1



## Temperature

| Label  | Value  | Diff   |
|--------|--------|--------|
| AR01 : | 23.8°C | 27.8°C |

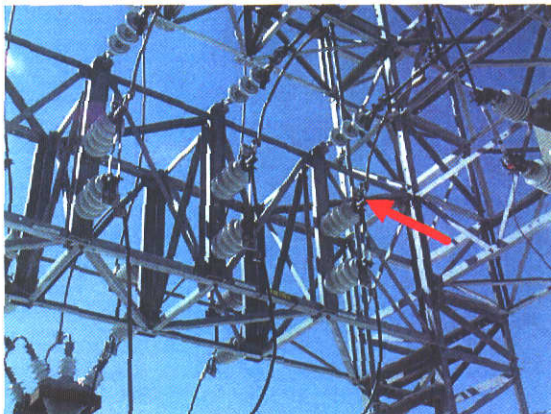
## Camera Settings

| IR information        |        | Value   |
|-----------------------|--------|---------|
| Date of creation      |        | 3/26/02 |
| Object parameter      |        | Value   |
| Ambient temperature   |        | -3.5°C  |
| Reference temperature |        | -4.0°C  |
| Label                 | Value  |         |
| IR : max              | 46.9°C |         |

Load: A: 500+

B: 500+

C: 500+



Location: GDL-01-DB right phase jaws top of switch

Line Truck Accessible

☒

Yes

☐

No

Feeder: GDL-01

Outage Required

☒

Yes

☐

No

Area: 01

Flagmen Required

☐

Yes

☒

No

Project No.

Sensitive Area

☐

Yes

☒

No

W.O. No.

GF

WF

Completed

\_\_\_/\_\_\_/\_\_\_

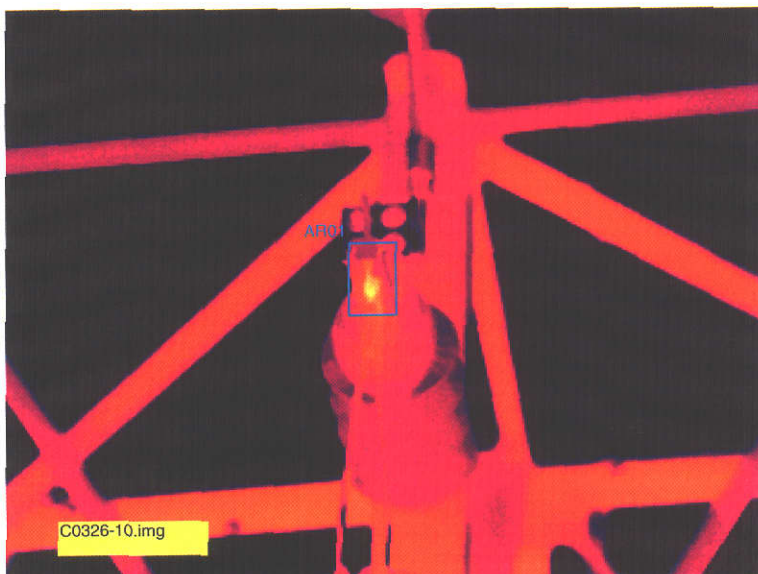
Completed

\_\_\_/\_\_\_/\_\_\_

Remarks: RETURN ANY REPLACED PARTS TO Patrick O'Keefe

# Job Activity Report - Thermography

Priority:2



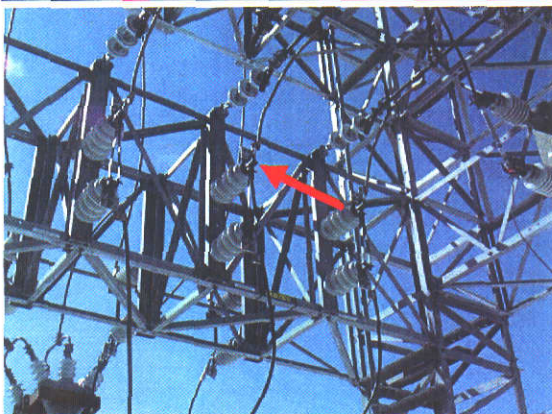
## Temperature

| Label  | Value  | Diff   |
|--------|--------|--------|
| AR01 : | 16.8°C | 20.8°C |

## Camera Settings

| IR information        | Value   |
|-----------------------|---------|
| Date of creation      | 3/26/02 |
| Object parameter      | Value   |
| Ambient temperature   | -3.5°C  |
| Reference temperature | -4.0°C  |
| Label                 | Value   |
| IR : max              | 16.8°C  |

Load: A: 500+  
B: 500+  
C: 500+



Location: GDL-01-DB center phase jaws top of switch

Line Truck Accessible ☒ Yes ☐ No Feeder: GDL-01  
 Outage Required ☒ Yes ☐ No Area. 01  
 Flagmen Required ☐ Yes ☒ No Project No.  
 Sensitive Area ☐ Yes ☒ No W.O. No.

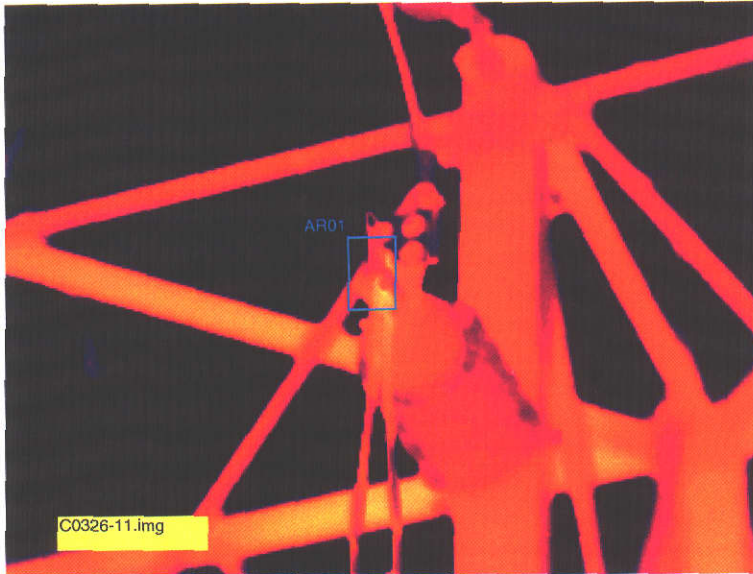
GF \_\_\_\_\_ WF \_\_\_\_\_

Completed \_\_\_\_/\_\_\_\_/\_\_\_\_ Completed \_\_\_\_/\_\_\_\_/\_\_\_\_

Remarks: RETURN ANY REPLACED PARTS TO Patrick O'Keefe

# Job Activity Report - Thermography

Priority:2



## Temperature

| Label  | Value  | Diff   |
|--------|--------|--------|
| AR01 : | 11.7°C | 15.7°C |

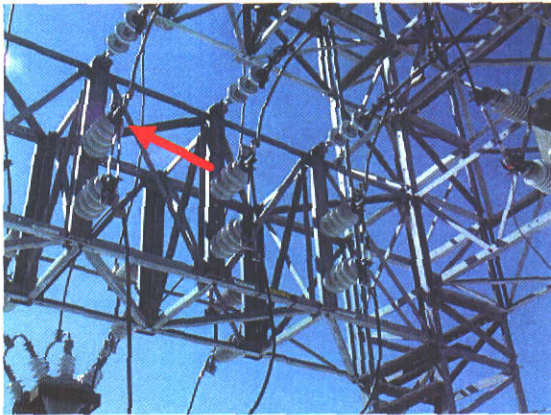
## Camera Settings

| IR information        | Value   |
|-----------------------|---------|
| Date of creation      | 3/26/02 |
| Object parameter      | Value   |
| Ambient temperature   | -3.5°C  |
| Reference temperature | -4.0°C  |
| Label                 | Value   |
| IR : max              | 11.7°C  |

Load: A: 500+

B: 500+

C: 500+



Location: GDL-01-DB left phase jaws top of switch

Line Truck Accessible

☒

Yes

☐

No

Feeder: GDL-01

Outage Required

☒

Yes

☐

No

Area. 01

Flagmen Required

☐

Yes

☒

No

Project No.

Sensitive Area

☐

Yes

☒

No

W.O. No.

GF

WF

Completed

\_\_\_/\_\_\_/\_\_\_

Completed

\_\_\_/\_\_\_/\_\_\_

Remarks: RETURN ANY REPLACED PARTS TO Patrick O'Keefe