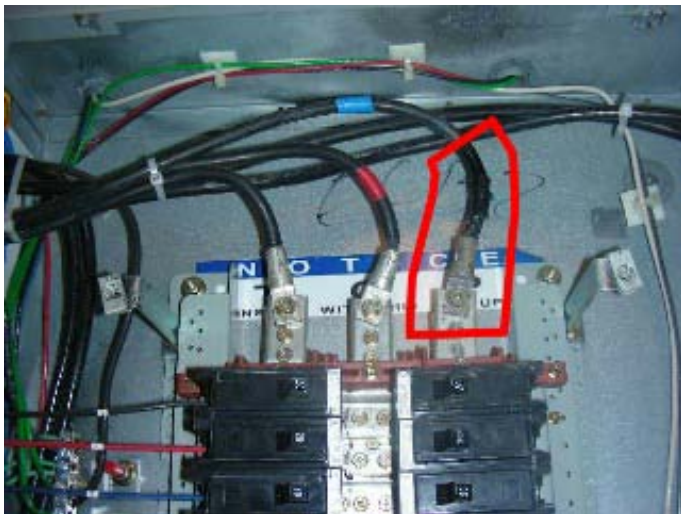


INFRARED TECHNOLOGY SERVICES

Infrared Inspection Report

Anomaly Number:	3		
Severity Rating:	15	Inspection Date:	8/30/2010
		Time:	1426
Anomaly Location:	Floor 8 Electrical Room, Breaker Panel ELB2, main leads		
Description:	Right lug connection, appears to be squeeze-on connection		



Anomaly Target Temperature:	185
Reference Temperature:	108
Ambient Temperature:	80

Rise Above Ambient:	105
Rise Above Reference:	77

Recommendation:	Corrective measures should be taken IMMEDIATELY.
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Thermographer:	Lee Wills
Camera:	Thermacam PM395
Serial Number:	20401

Emissivity:	.60
Distance (feet):	4
Wind Speed:	N/A

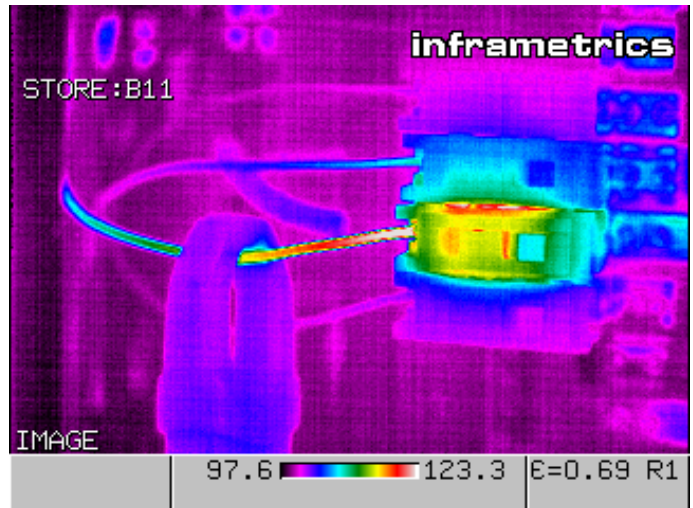
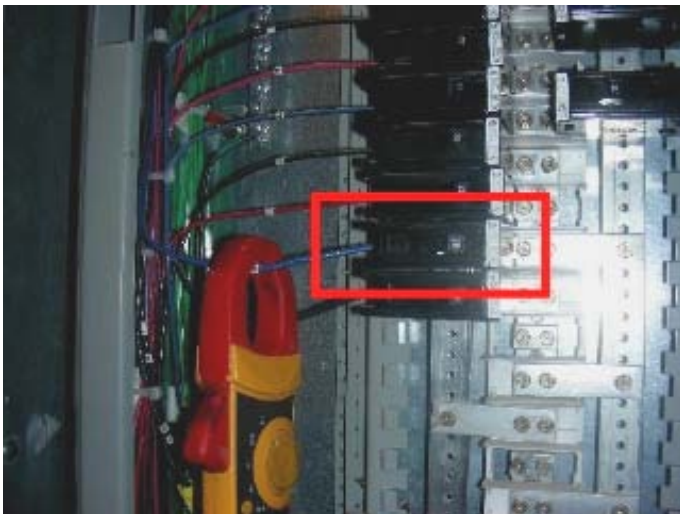
Corrective Action Taken	Date	Signature

[Return to Letter Summary of Anomalies](#)

INFRARED TECHNOLOGY SERVICES

Infrared Inspection Report

Anomaly Number:	4	Inspection Date:	8/30/2010	Time:	1444
Severity Rating:	9	Anomaly Location: Floor 4, Breaker Panel L4C, breaker #29 (AA Fixtures High Ceiling)			
Description:	Load on breaker is greater than 80% 18 amps on 20 amp breaker				



Anomaly Target Temperature:	129
Reference Temperature:	
Ambient Temperature:	83

Rise Above Ambient:	46
Rise Above Reference:	

Recommendation:	Corrective measures should be taken at next scheduled maintenance period.
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Thermographer:	Lee Wills
Camera:	Thermacam PM395
Serial Number:	20401

Emissivity:	.69
Distance (feet):	4
Wind Speed:	N/A

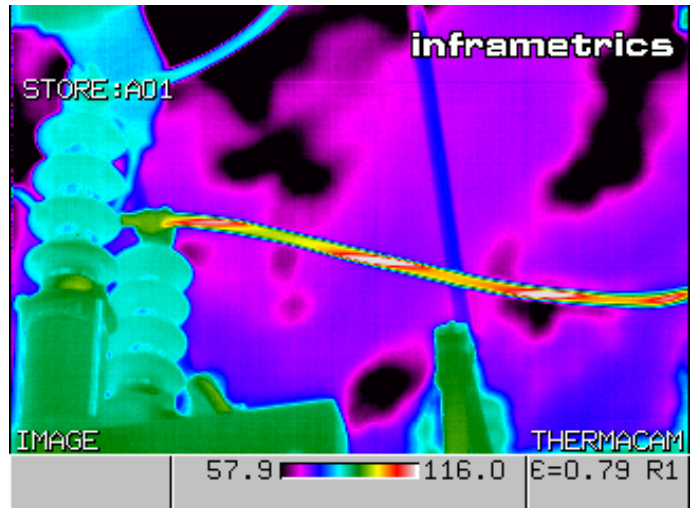
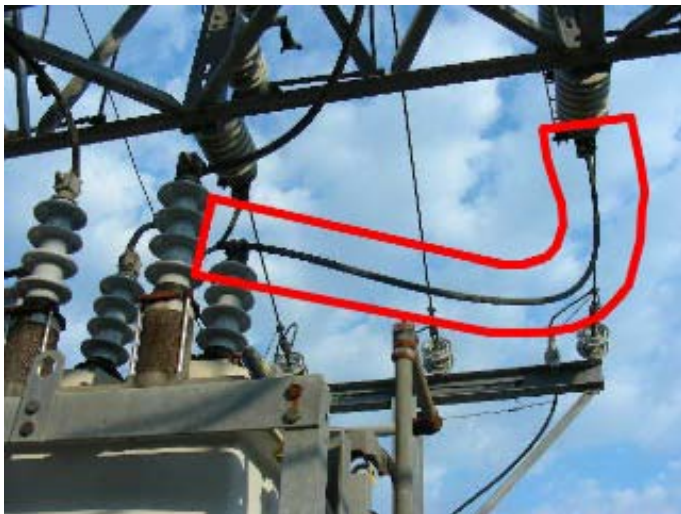
Corrective Action Taken	Date	Signature

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INFRARED TECHNOLOGY SERVICES

Infrared Inspection Report

Anomaly Number:	1	Inspection Date:	8/24/2010	Time:	0811
Severity Rating:	10	Anomaly Location: Black Ankle Substation, Circuit 3 Breaker, load side north phase			
Description:	Conductor from bushing to bottom of switch, appears to be bad conductor				



Anomaly Target Temperature:	114
Reference Temperature:	80
Ambient Temperature:	80

Rise Above Ambient:	34
Rise Above Reference:	34

Recommendation: Corrective measures should be taken on a Priority basis.

Thermographer:	Lee Wills
Camera:	Thermacam PM395
Serial Number:	20401

Emissivity:	.79
Distance (feet):	4
Wind Speed:	N/A

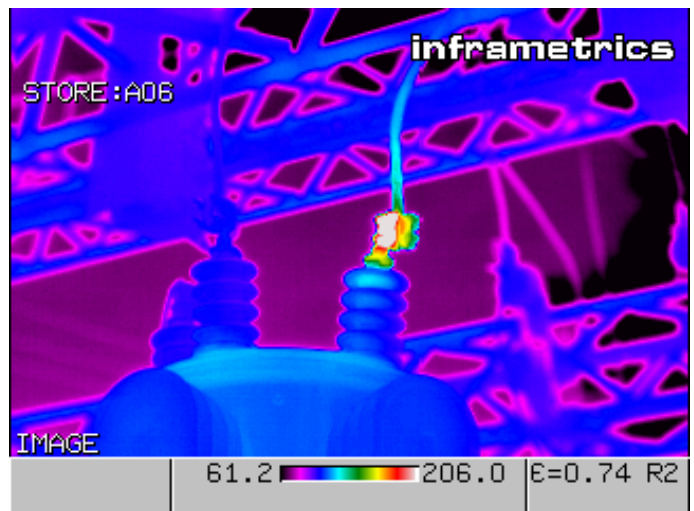
Corrective Action Taken	Date	Signature

[Return to Letter Summary of Anomalies](#)

INFRARED TECHNOLOGY SERVICES

Infrared Inspection Report

Anomaly Number:	5	Inspection Date:	8/24/2010	Time:	1411
Severity Rating:	15	Anomaly Location: Temple II Substation, east phase regulator			
Description:	Source bushing connection				



Anomaly Target Temperature:	257
Reference Temperature:	107
Ambient Temperature:	96

Rise Above Ambient:	161
Rise Above Reference:	150

Recommendation: Corrective measures should be taken IMMEDIATELY.

Thermographer:	Lee Wills
Camera:	Thermacam PM395
Serial Number:	20401

Emissivity:	.74
Distance (feet):	25
Wind Speed:	Moderate

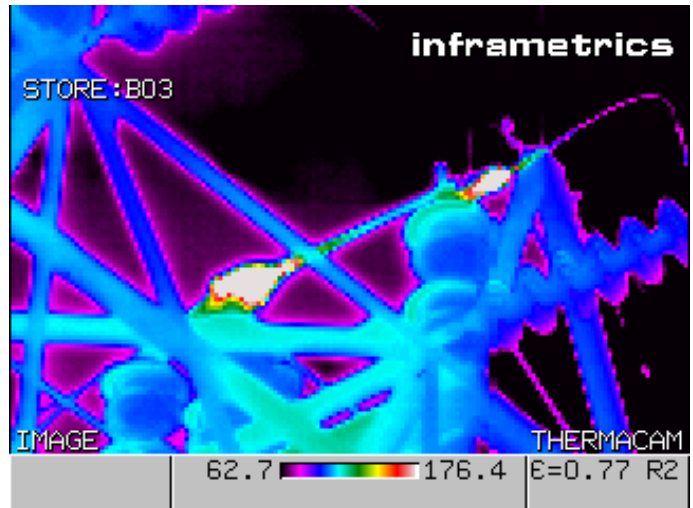
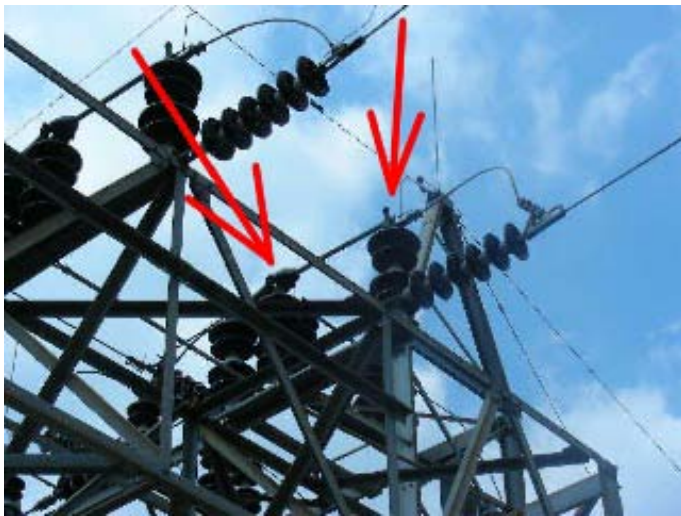
Corrective Action Taken	Date	Signature

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INFRARED TECHNOLOGY SERVICES

Infrared Inspection Report

Anomaly Number:	15		
Severity Rating:	15	Inspection Date:	8/25/2010
		Time:	1527
Anomaly Location:	Timpson Substation, transmission switch 6925 – north phase		
Description:	Hot at pivot knuckle connection and jaw end of switch arm		



Anomaly Target Temperature:	247
Reference Temperature:	114
Ambient Temperature:	95

Rise Above Ambient:	152
Rise Above Reference:	133

Recommendation:	Corrective measures should be taken
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Thermographer:	Lee Wills
Camera:	Thermacam PM395
Serial Number:	20401

Emissivity:	.77
Distance (feet):	50
Wind Speed:	Moderate

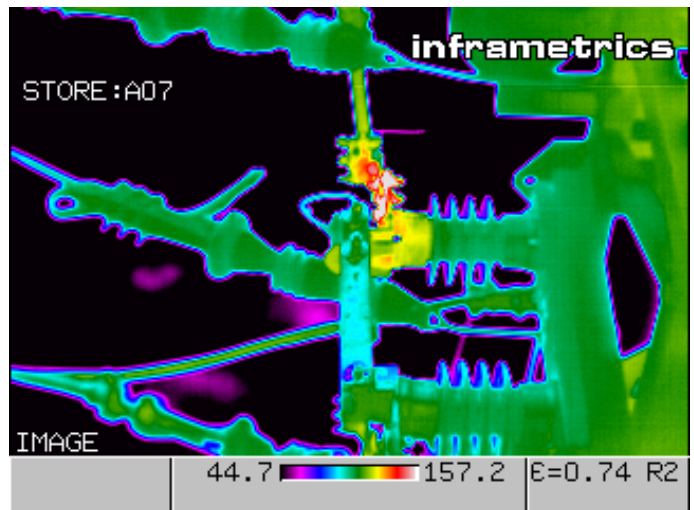
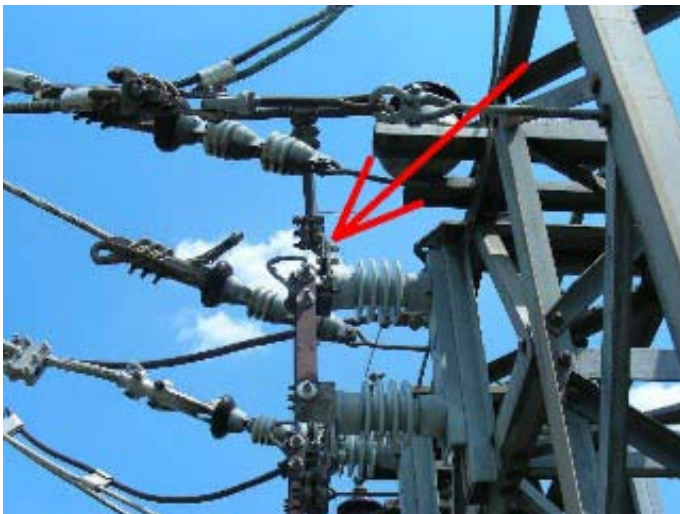
Corrective Action Taken	Date	Signature

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INFRARED TECHNOLOGY SERVICES

Infrared Inspection Report

Anomaly Number:	6		
Severity Rating:	15	Inspection Date:	8/24/2010
		Time:	1428
Anomaly Location:	Temple I Substation, Load side - west phase switch		
Description:	4-bolt pad connector to top of switch		



Anomaly Target Temperature:	174
Reference Temperature:	117
Ambient Temperature:	96

Rise Above Ambient:	78
Rise Above Reference:	57

Recommendation:	Corrective measures should be taken IMMEDIATELY.
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Thermographer:	Lee Wills
Camera:	Thermacam PM395
Serial Number:	20401

Emissivity:	.74
Distance (feet):	30
Wind Speed:	Moderate

Corrective Action Taken	Date	Signature

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