

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
DIVISION OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89710
(702) 687-5050 • Fax (702) 687-3957

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TRIPLICATE - Company File

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JAN 06 2005

Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of December, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	89,280,000	214°F	11 psi	
Empire KGRA	43-21	1,249,920	38,747,520	214°F	12 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	275,040	8,526,240	252°F	45psi	
Empire KGRA	53-21	2,160,000	66,960,000	214°F	7 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 1/4/05

(REV 9/13/96 LV)

Empire Energy, LLC

RECEIVED

JAN 06 2005

Division of Minerals

January 4, 2005

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for December, 2004

Dear Linda,

Enclosed is the December 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

Injection Well 51-16 was bypassed and fluid surface discharged for this month due to the cold weather, however, fluid did not reach the outflow channel from the cell, so no water samples were required.

The flow rates for 76-16 and injection wells for this month are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



P.O. BOX 40
EMPIRE, NEVADA 89405
(775) 557-2015
PI ANT (775) 557-2812

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DEC 13 2004

COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Division of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of November, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	57,600,000	214°F	20 psi	
Empire KGRA	43-21	940,320	28,209,600	210°F	19 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	277,920	2,223,360	249°F	41psi	
Empire KGRA	53-21	2,160,000	64,800,000	210°F	9 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature



Position Environmental Coordinator

Date 12/9/04

(REV 9/13/96 LV)

Empire Energy, LLC

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DEC 13 2004

Division of Minerals

November 9, 2004

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for November, 2004

Dear Linda,

Enclosed is the November 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

Injection Well 51-16 was bypassed and fluid surface discharged for 8 days this month due to the cold weather, however, fluid did not reach the outflow channel from the cell, so no water samples were required.

The flow rates for 76-16 and injection wells for this month are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

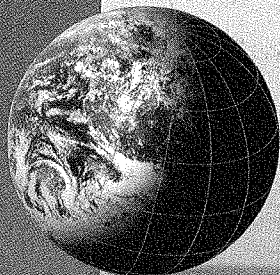
Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



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PLANT (775) 557-2812

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NOV 05 2004

COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Division of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

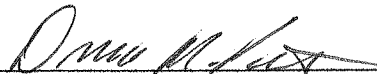
Plant/Project Empire County Washoe Month of October, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	63,360,000	214°F	12 psi	
Empire KGRA	43-21	1,442,880	44,729,280	210°F	12 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	203,040	812,160	°F	psi	
Empire KGRA	53-21	2,124,000	65,844,000	210°F	8 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 11/3/04

(REV 9/13/96 LV)

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OCT 07 2004

Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of September, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	86,400,000	213°F	8 psi	
Empire KGRA	43-21	1,452,960	43,588,800	213°F	6 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	0	0	°F	psi	
Empire KGRA	53-21	2,160,000	64,800,000	213°F	5 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 10/5/04

(REV 9/13/96 LV)

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SEP 10 2004

COMMERCIAL AND INDUSTRIAL CLASS GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of August, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	89,280,000	210°F	7 psi	
Empire KGRA	43-21	1,520,640	47,139,840	210°F	6 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	0	0	°F	psi	
Empire KGRA	53-21	2,160,000	66,960,000	210°F	4 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature W. M. M. M. M.

Position Environmental Coordinator

Date 9/8/04

(REV 9/13/96 LV)

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AUG 12 2004

Division of Minerals

COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of July, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,001,600	42,033,600	212°F	7 psi	
Empire KGRA	43-21	2,501,280	77,539,680	205°F	3 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	0	0	°F	psi	
Empire KGRA	53-21	2,001,600	42,033,600	212°F	4 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 8/10/04

(REV 9/13/96 LV)

Empire Energy, LLC

RECEIVED

AUG 12 2004

Division of Minerals

August 10, 2004

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for July, 2004

Dear Linda,

Enclosed is the July 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for the month of July are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

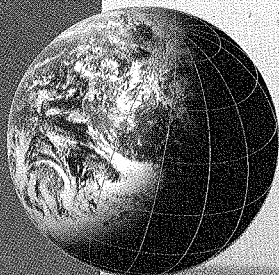
Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



P.O. BOX 40
EMPIRE, NEVADA 89405
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JUL 12 2004

Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of June, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,775,520	12,428,640	200°F	10 psi	
Empire KGRA	43-21	3,153,600	94,608,000	200°F	27 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	0	0	°F	psi	
Empire KGRA	53-21	0	0	°F	psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 7/6/04

(REV 9/13/96 LV)

Empire Energy, LLC

RECEIVED

JUL 12 2004

Division of Minerals

July 6, 2004

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for June, 2004

Dear Linda,

Enclosed is the June 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently surface discharging from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for the month of June are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

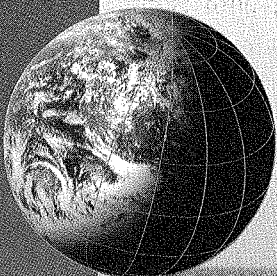
Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



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JUN 07 2004

Division of Minerals

COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of May, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,743,840	54,059,040	203°F	15 psi	
Empire KGRA	43-21	2,154,240	66,781,440	203°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	0	0	°F	psi	
Empire KGRA	53-21	2,016,000	12,096,000	214°F	8 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 6/4/04

(REV 9/13/96 LV)

Empire Energy, LLC

RECEIVED

JUN 07 2004

Division of Minerals

June 4, 2004

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for May, 2004

Dear Linda,

Enclosed is the May 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently surface discharging from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for the month of May are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

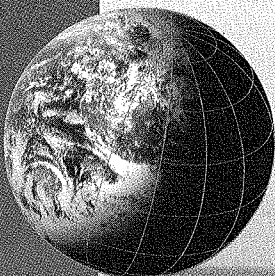
Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



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MAY 12 2004

Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of April, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	86,400,000	212°F	7 psi	
Empire KGRA	43-21	1,614,240	48,427,200	212°F	12 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	0	0	°F	psi	
Empire KGRA	53-21	2,160,000	60,480,000	213°F	5 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 5/10/04

(REV 9/13/96 LV)

Empire Energy, LLC

RECEIVED

MAY 12 2004

Division of Minerals

May 10, 2004

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for April, 2004

Dear Linda,

Enclosed is the April 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently surface discharging from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for the month of April are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

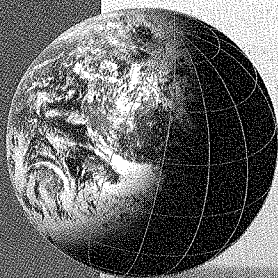
Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



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APR 06 2004

Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405


Plant/Project Empire County Washoe Month of March, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	89,280,000	191°F	16 psi	
Empire KGRA	43-21	0	0	°F	psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	282,240	7,902,720	219°F	27psi	
Empire KGRA	53-21	275,040	8,526,240	191°F	9 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 4/5/04

(REV 9/13/96 LV)

Empire Energy, LLC

RECEIVED

APR 06 2004

Division of Minerals

April 5, 2004

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for March, 2004

Dear Linda,

Enclosed is the March 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently surface discharging from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for the month of March are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

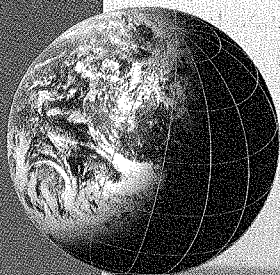
Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



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**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

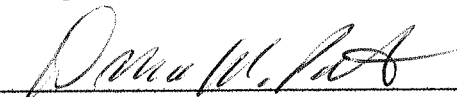
Plant/Project Empire County Washoe Month of February, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	83,520,000	182°F	19 psi	
Empire KGRA	43-21	1,759,680	14,077,440	184°F	64 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	541,440	15,701,760	217°F	33psi	
Empire KGRA	53-21	828,000	24,012,000	182°F	6 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 3/4/04

(REV 9/13/96 LV)

Empire Energy, LLC

RECEIVED

MAR 10 2004

Division of Minerals

March 4, 2004

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for February, 2004

Dear Linda,

Enclosed is the February 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently surface discharging from injection well 51-16 under NDEP Permit NEV-94003.

On February 1, 2004 Empire Energy discontinued the surface discharge and start re-injecting all geothermal fluids associated with TNEV-2003394.

The flow rates for 76-16 and injection wells for the month of February are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

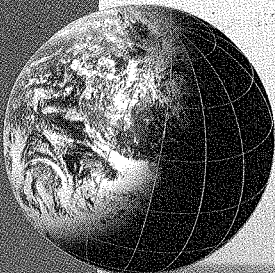
Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



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STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
DIVISION OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89710
(702) 687-5050 • Fax (702) 687-3957

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DUPLICATE - Div. NBMG
TRIPLICATE - Company

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FEB 04 2004

Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of January, 2004

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	2,880,000	206°F	6 psi	≠ 1 day
Empire KGRA	43-21	0	0	°F	psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16 surface discharge	1,314,720	40,756,320	210°F	36psi	
Empire KGRA	53-21	0	0	°F	psi	
Empire KGRA	180 day surface discharge	4,898,880	151,865,280	206°F	38 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature Drew M. Kato

Position Environmental Coordinator

Date 2/2/04

(REV 9/13/96 LV)

2-25-04-

Empire Energy, LLC

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Division of Minerals

February 2, 2004

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for January, 2004

Dear Linda,

Enclosed is the January 2004 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently surface discharging from injection well 51-16 under NDEP Permit NEV-94003 and we have diverted from all other injection wells to the surface for the 180 day surface discharge of all geothermal water under NDEP permit TNEV-2003394.

Beginning February 1, 2004 Empire Energy will discontinue the surface discharge and start re-injecting all geothermal fluids associated with TNEV-2003394.

The flow rates for 76-16 and the flow rates to the surface discharges for the month of January are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

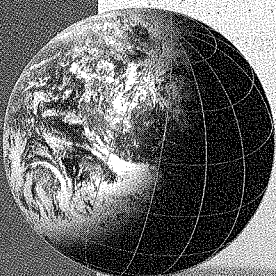
Please let me know if we can provide additional information.

Sincerely,



Donna M. Potter
Environmental Coordinator

Enclosures



P.O. BOX 40
EMPIRE, NEVADA 89405
(775) 557-2015
PI ANT (775) 557-2812

Empire Energy, LLC

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FEB 02 2004

Division of Minerals

January 29, 2004

Mr. Richard Hoops
U.S. Department of the Interior
Bureau of Land Management
P.O. Box 12000
Reno, Nevada 89520-0006

RE: Withdraw Sundry Notice to Extend 180 day Surface Discharge

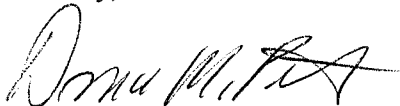
Dear Rich,

Empire Energy would like to withdraw its Sundry Notice to extend the 180 day surface discharge. Per our stipulations, I will gather vegetation and soil samples as soon as the conditions provide for a safe entrance to the sites and then submit a full report once the results of the samples are complete.

Please call me at (775) 557-2015 if you have any questions or comments.

Thanks to you and the Winnemucca Field Office for all your help with this project.

Sincerely,



Donna M. Potter
Environmental Coordinator

Cc: Delores Cates
John Snow
Russ Land



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(775) 557-2015
PI ANT (775) 557-2812