Federal Aviation Administration
Air Traffic Airspace Branch, ASW-520
2601 Meacham Blvd.
Fort Worth, TX 76137-0520

Aeronautical Study No.
2007-AWP-7320-OE
Prior Study No.
2007-AWP-6408-OE

Issued Date: 01/10/2008

Jon Roberts
City of Victorville
14343 Civic Drive
Victorville, CA 92392

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	250 Acre Solar Mirror Array
Location:	Victorville, CA
Latitude:	34-37-55.67N NAD 83
Longitude:	117-22-27.54W
Heights:	20 feet above ground level (AGL)
	2820 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking and/or lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 07/10/2009 unless:

(a) extended, revised or terminated by the issuing office.
(b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

From: John Kessler
To: Docket Optical System; Jim Adams
CC: Eric Knight
Date: 1/28/2008 8:59 AM
Subject: Fwd: VV2 FAA Update
Attachments: re-filed FAA 7460-1.doc; Victorville 2 - FAA Determ of No Hazard to Air Navig - Cooling Tower (1-10-08).pdf; Victorville 2 - FAA Determ of No Hazard to Air Navig - Solar Field (1-10-08).pdf

Dear Dockets:

Please docket this email and the attached files to Victorville 2 (07-AFC-1). I have downloaded the two Determination of No Hazard files from FAA's website as applicable for the cooling tower and solar field.

Thank you,

John

John S. Kessler
CEC - Project Manager
Office: 916-654-4679
Cell: 530-306-5920
Fax: 916-654-4421

>>> "Barnett, Tom" <tbarnett@inlandenergy.com> 1/25/2008 6:41 PM >>>

John:

Please find attached electronic versions of the Project's FAA 7460 applications; note that on two of them, the Cooling Tower and the Solar Field, the FAA has determined them to not be a hazard. You can tell this because under "Case Status", the word "Determined" appears and under "Date Determined:", there appears a pdf hyperlink to a file labeled "DNE" – this file contains the FAA write-up. We expect the other determinations momentarily.

We are working on the other informational loose ends which we have discussed and I hope to have more information for you very shortly.

Buck Johns and I will be in Sacramento on another matter Wednesday, Feb. 6 along with Victorville Mayor Terry Caldwell and City Manager Jon Roberts. We were hoping that it might be possible to stop by the CEC to chat with you for a few minutes that morning – sometime around 11:30. The City representatives would simply like to take advantage of the opportunity to hear from you directly as to the general status of the permit application. Can you confirm that this get-together would be possible?

As always, thanks for your continuing cooperation.

Tom

Thomas M. Barnett
Executive Vice President
Inland Energy, Inc.
Ofc: 949-856-2200
Cell: 949-466-7317

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

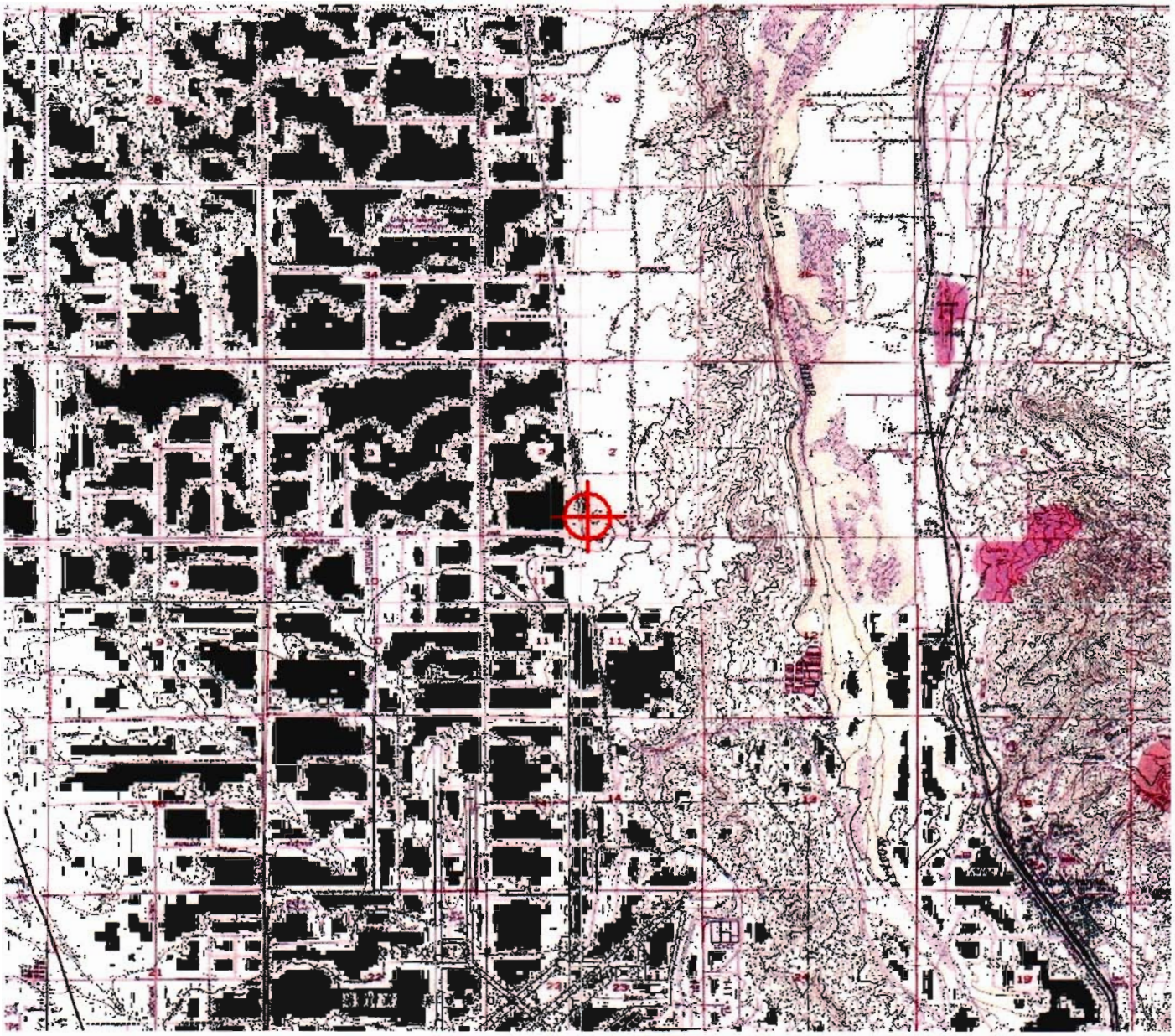
A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2007-AWP-7320-OE.

Signature Control No: 551601-101489793 (DNE)
Karen McDonald
Specialist

Attachment(s)
Map(s)

Verified Map for ASN 2007-AWP-7320-OE



Federal Aviation Administration
Air Traffic Airspace Branch, ASW-520
2601 Meacham Blvd.
Fort Worth, TX 76137-0520

Aeronautical Study No.
2007-AWP-7318-OE
Prior Study No.
2007-AWP-6412-OE

Issued Date: 01/10/2008

Jon Roberts
City of Victorville
14343 Civic Drive
Victorville, CA 92392

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Tower Cooling Tower
Location:	Victorville, CA
Latitude:	34-37-56.68N NAD 83
Longitude:	117-22-10.91W
Heights:	60 feet above ground level (AGL)
	2860 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking and/or lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/10/2009 unless:

(a) extended, revised or terminated by the issuing office.
(b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will

void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

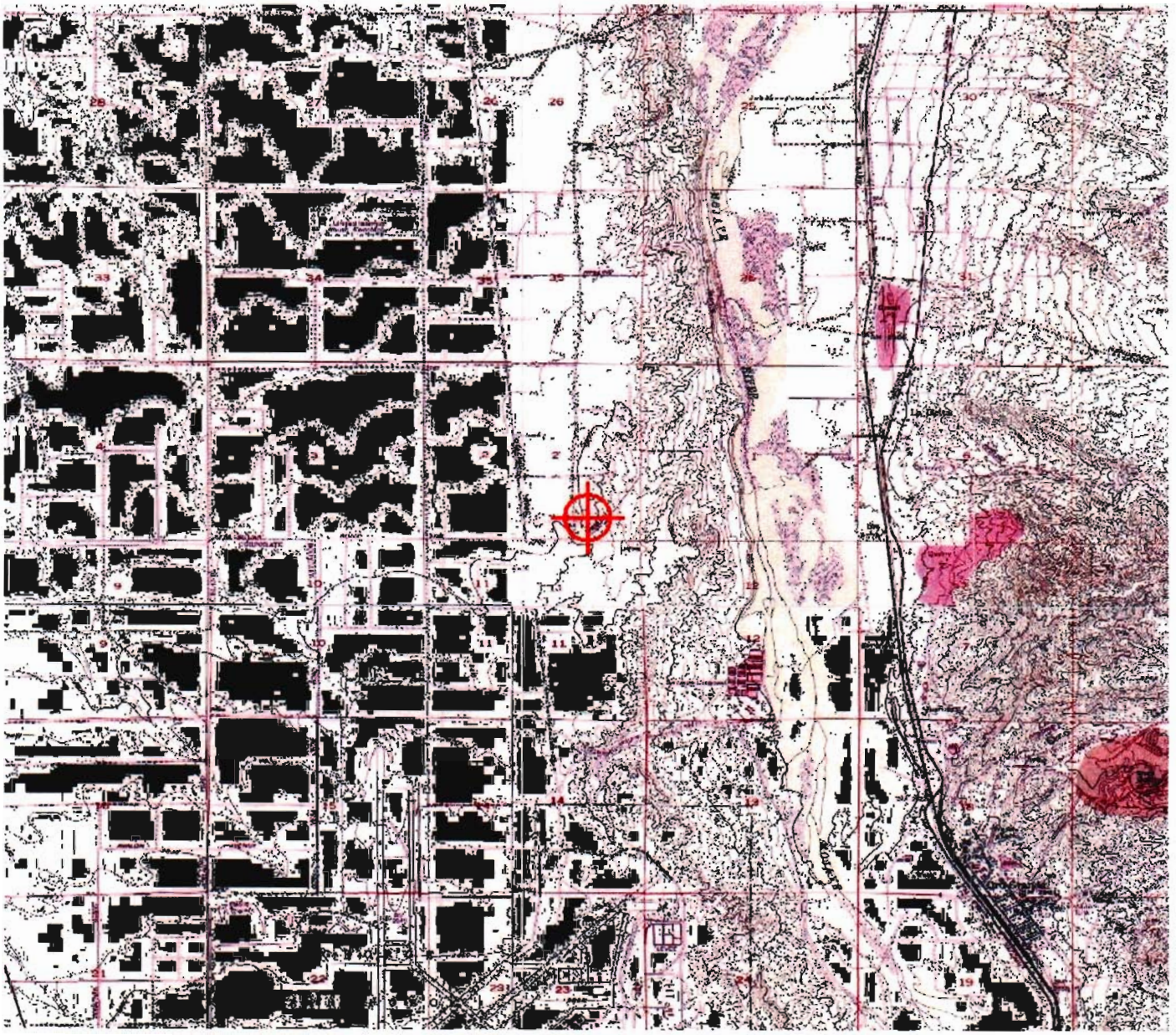
A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2007-AWP-7318-OE.

Signature Control No: 551598-101489792 (DNE)
Karen McDonald
Specialist

Attachment(s)
Map(s)

Verified Map for ASN 2007-AWP-7318-OE



Project Name:
CITY -000083890-07
Sponsor:
City of Victorville

Details for Case : HRSG Stack #2

Show Project Summary

Case Status

ASN:
2007-AWP-7317-OE
Status:
Work In Progress

Date Accepted:
12/06/2007
Date Determined:

Letters:
None

Construction / Alteration Information

Structure Summary

Notice Of:
Construction
Duration:
Permanent

if Temporary **:**

Months: Days:
Work Schedule - Start:
05/01/2008
Work Schedule - End:
07/31/2010
State Filing:
Not filed with State

Structure Type:
Stack
Structure Name:
HRSG Stack #2
FCC Number:

Prior ASN:
2007-AWP-6411-OE

Structure Details

Common Frequency Bands

Latitude:
34° 37' 57.25" N
Longitude:
117° 22' 15.13" W
Horizontal Datum:
NAD83
Site Elevation (SE):
2800 (nearest foot)
Structure Height (AGL):
145 (nearest foot)
Marking/Lighting:
Dual-red and medium intensity

Other **:**

Nearest City:
Victorville
Nearest State:
California
Description of Location:
The VV2 Project site is located north of the Southern California Logistics Airport (SCLA),in the City of Victorville, San Bernardino County, California. The site lies approximately 3.5 miles east of U.S. Highway 395 and approximately 0.5 mile west of the Mojave River.
Description of Proposal:
The Power Island Heat Recovery Steam Generator #2 (HRSG-2) will have an exhaust stack (Stack-2) with a diameter of 18.5 feet and a height not to exceed 145 feet. (AGL). The adjoining HRSG's foot print will be approximately 210 feet long by 75 feet wide and a height of 85 feet.

Project Name:
CITY -000083896-07
Sponsor:
City of Victorville

Details for Case : HRSG Stack #1

Show Project Summary

Case Status

ASN:
2007-AWP-7319-OE
Status:
Work In Progress

Date Accepted:
12/06/2007
Date Determined:

Letters:
None

Construction / Alteration Information

Structure Summary

Notice Of:
Construction
Duration:
Permanent

if Temporary **:**

Months: Days:
Work Schedule - Start:
05/01/2008
Work Schedule - End:
07/31/2008
State Filing:
Not filed with State

Structure Type:
Stack
Structure Name:
HRSG Stack #1
FCC Number:

Prior ASN:
2007-AWP-6410-OE

Structure Details

Common Frequency Bands

Latitude:
34° 37' 57.25" N
Longitude:
117° 22' 16.68" W
Horizontal Datum:
NAD83
Site Elevation (SE):
2800 (nearest foot)
Structure Height (AGL):
145 (nearest foot)
Marking/Lighting:
Dual-red and medium intensity

Other **:**

Nearest City:
Victorville
Nearest State:
California
Description of Location:
The VV2 Project site is located north of the Southern California Logistics Airport (SCLA),in the City of Victorville, San Bernardino County, California. The site lies approximately 3.5 miles east of U.S. Highway 395 and approximately 0.5 mile west of the Mojave River.
Description of Proposal:
The Power Island Heat Recovery Steam Generator #1 (HRSG-1) will have an exhaust stack (Stack-1) with a diameter of 18.5 feet and a height not to exceed 145 feet. (AGL). The adjoining HRSG's foot print will be approximately 210 feet long by 75 feet wide and a height of 85 feet.

Project Name:
CITY -000083896-07
Sponsor:
City of Victorville

Details for Case : Construction Crane

Show Project Summary

Case Status
ASN:
2007-AWP-7321-OE
Status:
Work In Progress

Date Accepted:
12/06/2007
Date Determined:

Letters:
None

Construction / Alteration Information

Structure Summary
Notice Of:
Construction
Duration:
Temporary

if Temporary **:**

Months: 18 Days: 31
Work Schedule - Start:
05/01/2008
Work Schedule - End:
07/31/2010
State Filing:
Not filed with State

Structure Type:
Crane
Structure Name:

Construction Crane
FCC Number:

Prior ASN:
2007-AWP-6409-OE

Structure Details

Common Frequency Bands
Latitude:
34° 37' 55.59" N
Longitude:
117° 22' 15.74" W
Horizontal Datum:
NAD83
Site Elevation (SE):
2800 (nearest foot)
Structure Height (AGL):
205 (nearest foot)
Marking/Lighting:
Red lights

Other **:**

Nearest City:
Victorville
Nearest State:
California
Description of Location:
The VV2 Project site is located north of the Southern California Logistics Airport (SCLA),in the City of Victorville, San Bernardino County, California. The site lies approximately 3.5 miles east of U.S. Highway 395 and approximately 0.5 mile west of the Mojave River.
Description of Proposal:
The Project will require a crane for plant construction. The location of the crane will be variable, but no closer than 5,417 feet from the SCLA runway.

Notice of Proposed Construction or Alteration (7460-1)

Project Name:
CITY -000083891-07
Sponsor:
City of Victorville

Details for Case : Cooling Tower

Show Project Summary

Case Status
ASN:
2007-AWP-7318-OE
Status:
Determined

Date Accepted:
12/06/2007
Date Determined:
01/10/2008
Letters:
01/10/2008 DNE

Construction / Alteration Information

Structure Summary
Notice Of:
Construction
Duration:
Permanent

if Temporary **:**

Months: Days:
Work Schedule - Start:
05/01/2008
Work Schedule - End:

07/31/2010
State Filing:
Not filed with State

Structure Type:
Tower
Structure Name:
Cooling Tower
FCC Number:

Prior ASN:
2007-AWP-6412-OE

Structure Details

Common Frequency Bands
Latitude:
34° 37' 56.68" N
Longitude:
117° 22' 10.91" W
Horizontal Datum:
NAD83
Site Elevation (SE):
2800 (nearest foot)
Structure Height (AGL):
60 (nearest foot)
Marking/Lighting:
Red lights

Other **:**

Nearest City:
Victorville
Nearest State:
California
Description of Location:
The VV2 Project site is located north of the Southern California Logistics Airport (SCLA),in the City of Victorville, San Bernardino County, California. The site lies approximately 3.5 miles east of U.S. Highway 395 and approximately 0.5 mile west of the Mojave River.
Description of Proposal:
The Power Island will incorporate the use of cooling towers to condense the hot steam used to generate electricity. The cooling towers footprint will be approximately 130 feet in width and 310 feet in length. The cooling tower structure will be in a North/South alignment.

Notice of Proposed Construction or Alteration (7460-1)

Print this page

Project Name:
CITY -000083895-07
Sponsor:
City of Victorville

Details for Case : 250 Acre Solar Mirror Array

Show Project Summary

Case Status
ASN:
2007-AWP-7320-OE
Status:
Determined

Date Accepted:
12/06/2007
Date Determined:
01/10/2008
Letters:
01/10/2008 DNE

Construction / Alteration Information

Structure Summary
Notice Of:
Construction
Duration:
Permanent

if Temporary **:**

Months: Days:

Work Schedule - Start:
05/01/2008
Work Schedule - End:
07/31/2010
State Filing:
Not filed with State

Structure Type:
Other w/Antenna
Structure Name:
250 Acre Solar Mirror Array
FCC Number:

Prior ASN:
2007-AWP-6408-OE

Structure Details

Common Frequency Bands
Latitude:
34° 37' 55.67" N
Longitude:
117° 22' 27.54" W
Horizontal Datum:
NAD83
Site Elevation (SE):
2800 (nearest foot)
Structure Height (AGL):
20 (nearest foot)
Marking/Lighting:
None

Other **:**

Nearest City:
Victorville
Nearest State:
California
Description of
Location:
The VV2 Project site is located north of the Southern California Logistics Airport (SCLA),in the City of Victorville, San Bernardino County, California. The site lies approximately 3.5 miles east of U.S. Highway 395 and approximately 0.5 mile west of the Mojave River.
Description of
Proposal:
The Power Plant project consists of natural gas-fired combined-cycle generating equipment integrated with solar thermal generating equipment. The mirror array will be positioned on a North/South axis and will track the daily movement of the sun.