13-1614 ✓

Complete in accordance with instructions on reverse and forward copy:

TO: National Oceanic and Atmospheric Administration
Office of Oceanic and Atmospheric Research
1315 East-West Highway SSMC-3 Room 11216
Silver Spring, MD 20910

Form Approved: OMB No. 0648-0025 Expires 12/31/2007

NOAA FORM 17-4 (4-81) U.S. DEPARTMENT OF COMMERCE
NAT'L OCEANIC AND ATMOSPHERIC ADM.

INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES (P.L. 205, 92ND. CONGRESS)

1. PROJECT OR ACTIVITY DESIGNATION, IF ANY
Stanislaus Weather Modification Program

2. DATES OF PROJECT
a. DATE FIRST ACTUAL WEATHER MODIFICATION ACTIVITY IS TO BE UNDERTAKEN: 11/01/2013
b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES: 04/30/2014

3. PURPOSE OF PROJECT OR ACTIVITY
Increase precipitation in select mountainous regions of central CA.

4. (a) SPONSOR

NAME			
Dennis Tarap, Hydro Operations Supervisor			
AFFILIATION		PHONE NUMBER	
Northern California Power Agency		(209) 728-1387	
STREET ADDRESS			
477 Bret Harte Dr.			
CITY	STATE	ZIP CODE	
Murphys	CA	95247	

4. (b) OPERATOR

NAME			
Hans Ahlness			
AFFILIATION		PHONE NUMBER	
Weather Modification, Inc.		(701) 235-5500	
STREET ADDRESS			
3802 20th Street North			
CITY	STATE	ZIP CODE	
Fargo	ND	58102	

5. TARGET AND CONTROL AREAS (See Instructions)

TARGET AREA		CONTROL AREA	
LOCATION	SIZE OF AREA	LOCATION	SIZE OF AREA
East-Central California, uSA	~74 SQ.MI	NA	SQ.MI.

6. DESCRIPTION OF WEATHER MODIFICATION APPARATUS, MODIFICATION AGENTS AND THEIR DISPERSAL RATES, THE TECHNIQUES EMPLOYED, ETC. *(See Instructions)*

Airborne glaciogenic seeding techniques will be used to treat the specified target areas above the New Spicer Dam and North Fork Diversion Dam, and some areas below the North Fork Diversion Dam. Seeding will be accomplished by the use of pyrotechnic flares. The aircraft will dispense silver iodide seeding agent at the rate of 16 (sixteen) grams of silver iodide over a period of about 4 (four) minutes or at the rate of 2 (two) grams of silver iodide over a period of about 1 (one) every minute when storm conditions are favorable. Seeding will be guided by the project meteorologist, furnished by Northern California Power Agency. Additional meteorological services (forecasting) will be provided by Weather Modification, Inc.

7. LOG BOOKS: *Enter name, affiliation, address, and telephone number of responsible individual from whom log books or other records may be obtained.*

NAME			
Ms/ Erin Fischer			
AFFILIATION		PHONE NUMBER	
Weather Modification, Inc.		(701) 235-5500	
STREET ADDRESS			
3802 20th Street North			
CITY	STATE	ZIP CODE	
Fargo	ND	58102	

THIS REPORT IS REQUIRED BY PUBLIC LAW 92-205; 85 STAT 735; 15 U.S.C. 330b. KNOWING AND WILLFUL VIOLATION OF ANY RULE ADOPTED UNDER THE AUTHORITY OF SECTION 2 OF PUBLIC LAW 92-205 SHALL SUBJECT THE PERSON VIOLATING SUCH RULE TO A FINE OF NOT MORE THAN $10,000, UPON CONVICTION THEREOF.

8. SAFETY AND ENVIRONMENT

- ☐ YES ☒ NO — Has an Environmental Impact Statement, Federal or State been filed? If yes, please furnish a copy as applicable.
- ☒ YES ☐ NO — Have provisions been made to acquire the latest forecasts, advisories, warnings, etc. of the National Weather Service, Forest Service, or others when issued prior to and during operations? If yes, please specify on a separate sheet.
- ☒ YES ☐ NO — Have any safety procedures *(operational constraints, provisions for suspension of operations, monitoring methods, etc.)* and any environmental guidelines *(related to the possible effects of the operations)* been included in the operational plans? If yes, please furnish copies or a description of the specific procedures and guidelines.

9. OPTIONAL REMARKS *(See Instructions. Use Separate Sheet.)*

NAME			
Hans Ahlness			
AFFILIATION			
Weather Modification, Inc.			
STREET ADDRESS			
3802 20th Street North			
CITY	STATE	ZIP CODE	
Fargo	ND	58102	

CERTIFICATION: I certify that the above statements are true, complete and correct to the best of my knowledge and belief.

SIGNATURE

OFFICIAL TITLE: Vice President - Operations

DATE: 11/15/2013

PHONE NUMBER: (701) 235-5500 201

November 29, 2013

Mr. Hans Ahiness
Weather Modification, Inc.
3801 20th Street North
Fargo, ND 58101

Happy Holidays Mr. Ahiness:

Thank you for your Initial Report for the Stanislaus Weather Modification Program project. This project was assigned NOAA File Number 13-1614.

As a reminder, please submit a Final Report within 45 days after the project has terminated. This is mandated under Public Law 92-205.

Sincerely,

Karen Williams, Manager
Weather Modification Activities
Reporting Program

Please note that attached are the revised NOAA 17-4 and 17-4a forms that should be used for all your future projects. Unfortunately, the forms are not available electronically at this time, so they will still need to be submitted by mail or fax to (301) 713-1459. If mailing, please be sure to put my name and correct room number (11340) on all correspondence to insure timely delivery. Thank you.

13-1614

WEATHER MODIFICATION
INCORPORATED

November 15, 2013

National Oceanic and Atmospheric Administration
Office of Oceanic and Atmospheric Research
Attn: Karen Williams (301) 713-9397 x 202
1315 East-West Highway SSMC-3 Room 11216
Silver Springs, MD 20910

RE: 2013-2014 NOAA FORM 17-4 Initial Report
Stanislaus Weather Modification Program

Dear Ms. Williams:

Weather Modification, Inc is pleased to submit the enclosed with compliance with the National Oceanic and Atmospheric Administration's weather modification activities reporting requirements (P.L. 205, 92nd, Congress). Below is a summary of additional information required by NOAA Form 17-4.

If you have any questions, please do not hesitate to call.

Item 5: Aircraft operations – please see enclosed map.

Item 8: Weather Modification, Inc. is not aware of any EIS or EA conducted for this program. Additional information regarding this can be obtained from the client.

Contact Information: Mr. Dennis Tarap (209) 728-1387, ext.234
Hydro Operations Supervisor
Northern California Power Agency (NCPA)
477 Bret Harte Drive, Murphys CA 94247

Provisions will be made to acquire the latest weather information, including advisories, watches, and warnings from the National Weather Service. Snowpack and water storage levels will be monitored for communicated seeding suspension or termination on a routine basis.

Item 9: No additional comments.

Sincerely,

Hans Ahlness
Vice President – Operations

Tel: 1-701-235-5500 • Fax: 1-701-235-9717 • 3802 20th St N • Fargo, ND 58102 • USA
www.weathermodification.com

13-1614

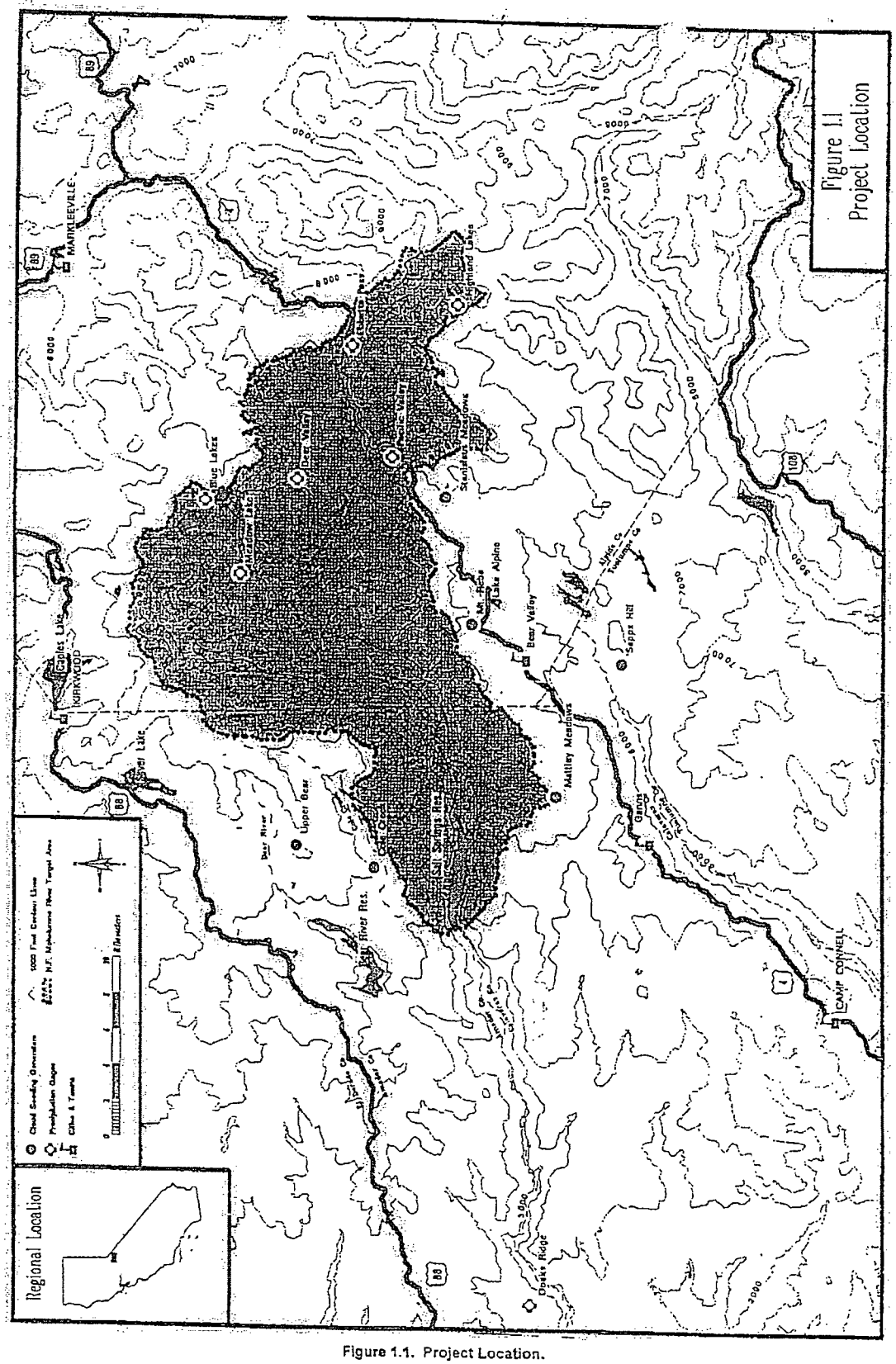


Figure 1.1. Project Location.