15-1667 ✓

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: 11/01/2015

b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES: 04/30/2016

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 [X] NO — Has an Environmental Impact Statement, Federal or State been filed? If yes, please furnish a copy as applicable.
- [X] 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.
- [X] 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	CERTIFICATION: I certify that the above statements are true, complete and correct to the best of my knowledge and belief.		
Hans Ahlness			
AFFILIATION	SIGNATURE		
Weather Modification, Inc.			
STREET ADDRESS	OFFICIAL TITLE		
3802 20th Street North	Vice President - Operations		
CITY / STATE / ZIP CODE	DATE	PHONE NUMBER	
Fargo / ND / 58102	10/22/2015	(701) 235-5500	201

INSTRUCTIONS FOR INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES

One completed copy of this form is to be received 10 days* or more prior to actual modification activities. A NOAA file number will be assigned by the Administrator after receipt of the initial report for each project or activity.

A supplemental report in a letter form referring to the appropriate NOAA file number must be made to the Administrator if the "Initial Report" is found to contain any material inaccuracies, misstatements, and omissions, or if there are changes in plans for the project or activity.

*For exceptions, see Sections 908.4(b) and (c), Part 908 of Title 15, Code of Federal Regulations.

Item 1. Enter designation, if any, used by operator for the project or activity.

Item 2. Enter: (a) Date first actual weather modification activity is to be undertaken;
(b) Date on which final weather modification activity is expected to occur.

Item 3. Enter the purpose of the project or activity: e.g., rainfall increase, hail suppression, cold fog dispersal, etc.

Item 4. Enter: (a) Name, phone number, affiliation, and address of the primary person for whom the project is to be performed (sponsor).

(b) Name, phone number , affiliation, and address of the person primarily responsible for carrying out the project (operator).

Item 5. A map should be attached showing size and location of target area, control area, coded number and location of each item of ground-based weather modification apparatus and coded number and location of key raingages, radars, or other precipitation measuring devices. Also show location of airport for airborne operations.

Item 6. Describe the weather modification apparatus, modification agents, and the techniques to be used. This would include type of ground or airborne apparatus to be used, type of modification material to be dispensed, rate of dispensing material in grams per hour or other appropriate units, type of precipitation gages to be used in target and control areas, and any other pertinent information such as type of radars, type of aircraft to be used, techniques to be employed, (e.g., cloud base seeding at 10,000 feet msl).

Item 7. List name, phone number , affiliation, and address of the responsible individual from whom log books or other records may be obtained.

Item 8. Provide applicable answers to questions as indicated.

Item 9. This item is to permit the reporting person to include any information not covered by items 1 through 8 but which he feels is significant or of interest. It is also to be used to include any information not covered elsewhere that the Administrator may request.

15-1667

WEATHER MODIFICATION
INCORPORATED

October 22, 2015

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: 2015-2016 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

November 10, 2015

Mr. Hans Ahlness
Weather Modifications, Inc.
3802 20th Street North
Fargo, ND 58102

Dear Mr. Ahlness:

Thank you for your Initial Report for the Weather Modification, Inc. This projects were assigned the following NOAA File Numbers.

Project Title:	**NOAA File Number:**
Upper Toulumne River	15-1666
Stanislaus Weather Modification	15-1667

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

Karen E. Williams, Manager
Weather Modification Activities
Reporting Program