

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



August 4, 2014

Ryan Stevenson
Regulatory Policy & Affairs
Southern California Edison
8631 Rush Street, General Office 4 - G100
Rosemead, CA 91770

Re: Data Request #6 for the SCE West of Devers Upgrade Project - Application No. A.13-10-020

Dear Mr. Stevenson:

The California Public Utilities Commission's (CPUC) Energy Division has reviewed all of the documents and materials that SCE has provided, including the Application and Proponent's Environmental Assessment (PEA; dated October 25, 2013), the PEA deficiency response items submitted in late 2013 and early 2014, and SCE's data responses to date. During the analysis of the aforementioned materials, we have identified additional information items needed from SCE. Attached please find Data Request No. 6, which defines the additional questions we have at this time for project description, biological resources, recreation, and wildland fire. Additional data requests may be necessary to address other CEQA or NEPA topics as we move forward with EIR/EIS preparation.

We would appreciate your prompt responses to these data requests, which will allow us to maintain our current schedule. We request that responses be provided to us within two weeks (by August 18, 2014). We understand that some of these requests may require more time; however, we request that information be provided to us as soon as each response is available, along with an estimated response date for any information that can't be provided within two weeks.

Please submit one set of responses to me in both hard copy and electronic format and one to Susan Lee at Aspen Environmental Group in electronic format (unless there are hardcopy-only documents). Any questions on this data request should be directed to me at (415) 703-2068.

Sincerely,

Billie Blanchard

Billie Blanchard
Project Manager for West of Devers Upgrade Project
Energy Division CEQA Unit

Attachments (2)

cc: Mary Jo Borak, CPUC Supervisor CEQA Unit
Frank McMenimen, Bureau of Land Management
John Kalish, Bureau of Land Management
Lynette Elser, Bureau of Land Management
Susan Lee & Hedy Koczwar, Aspen Environmental Group
Nicholas Sher, CPUC Legal Division

SCE West of Devers Upgrade Project

Data Request No. 6

West of Devers Upgrade Project Data Request No. 6 includes requests related to the following issue areas:

- Project Description
- Biological Resources
- Recreation
- Wildland Fire

Project Description

PD-17 In March 2014, SCE provided corridor profiles that have been used by the CPUC in the Notice of Preparation and EIR/EIS Project Description. To ensure that these corridor profile figures are accurate, please explain which, if any, have changed based on tower movement from the design refresh. In particular, the Segment 3 and 4 profiles show new towers “min 50’” from edge of the ROW and it appears that this distance is now greater than 50 feet.

Furthermore, please provide updated corridor profile figures for use in the EIR/EIS Project Description. Please ensure that the profile drawings are to scale, namely to ensure that horizontal and vertical dimensions are equally proportioned to the scale.

Biological Resources

BIO-25 Please provide the total acreage of the aeolian sand habitat in the Project Study Area and the acreage of temporary and permanent project impacts in this habitat. If any or all of this acreage is also include under other habitat type(s) (e.g., creosote scrub), please indicate that and provide details.

Recreation

REC-2 Please send us the GIS layer used to create PEA Figures 4.15-1, Sheets 1-11, Recreational Resources. This layer includes:

- Golf Courses
- Museums
- Parks
- Community Centers
- Trails/Bike Paths
- Other

In total, there are attributes for 44 recreational resources in this GIS layer.

Wildland Fire

F-5 Will SCE implement its Specification E-2005-104 Transmission Line Project Fire Plan (February 21, 2006) on the West of Devers Upgrade Project? If not, what is SCE’s proposed fire plan? If so, will it be used as written or will there be project-specific revisions or amendments to it? A copy of the Specification from the TRTP Project is attached for reference.

F-6 Please describe how it is decided when and whether to de-energize a transmission line during a wildfire event. Describe the role of SCE and fire authorities in this process.

This appendix presents Southern California Edison's (SCE) Fire Management Plan.

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SOUTHERN CALIFORNIA EDISON COMPANY
Rosemead, California

SPECIFICATION E-2005-104

TRANSMISSION LINE PROJECT FIRE PLAN

February 21, 2006

Approved for Issue:

Reviewed By:



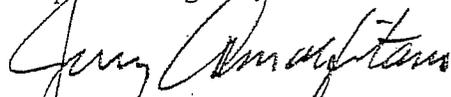
Albert Melikian
Responsible Engineer, Edison

Reviewed By:



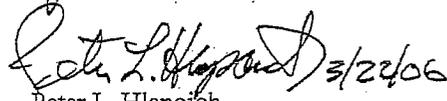
Brian Berkebile
Responsible Engineer, Edison

Approved By:



Jerry Amalfitano
Manager, T&D Business Unit

Approved By:



Peter L. Hlapcich
Manager, T&D Business Unit

SOUTHERN CALIFORNIA EDISON COMPANY
Rosemead, California

SPECIFICATION E-2005-104

TRANSMISSION LINE PROJECT FIRE PLAN

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SECTION 1

TRANSMISSION LINE PROJECT FIRE PLAN

1.1 INTENT

- A. This specification has been developed for use by Edison and/or Contractor crews to ensure uniform guidelines for prevention, control, and extinguishment of fires are followed during transmission line construction projects. Frequent reference to and compliance with this specification shall result in more consistency and greater fire control during transmission line construction.
- B. The intent of this Specification is to provide an overall technical reference for the Work as defined in the Project Specification. However, not all sections of this Specification may be applicable to every Project. The Project Specification shall define the specific Project Job requirements and shall be the master document in regards to this Specification. In all cases where this Specification is in conflict with the Project Specification, the Project Specification shall apply.
- C. Deviation from this specification shall not be permitted unless so described in the Project Specification or approved by Edison's Construction Representative.
- D. All Working areas shall be maintained in an orderly, safe, clean and neat manner. As Work is completed in any one area, the area shall be promptly cleaned of all trash and surplus material and left in as good or better condition than initially encountered.

1.2 CONFORMANCE TO APPLICABLE CODES AND SAFETY REGULATIONS

- A. Construction shall be performed in accordance with all sanitary, safety and building codes; Rules for Overhead Electric Line Construction G.O. 95, Public Utilities Commission, the National Electric Safety Code; and orders, ordinances and regulations that may apply. All work shall be performed in accordance with the Constructor's Safety Policy, OSHA or any other applicable provisions of Federal, State or local safety regulations. All regulations of the Division of Industrial Safety of the applicable state, any other public agency, or insurance policies shall also be complied with.
- B. All Work shall be accomplished by compliance to United States Forest Service Fire Plan, California Public Resource Code, Project Specification, this Specification, referenced specifications and standards, permitting constraints and conditions, and governing regulations using proper tools and equipment that are in good Working condition.
- C. The Work shall be performed in compliance with the latest version of the following codes and standards as amended to the date of the Project Specification, which are by reference, incorporated herein and made a part of the Project Specification. However, where the Drawings and/or this Specification calls for apparatus, workmanship, construction, etc., in excess of the referenced code requirements, Constructor shall take steps such that the Work shall be provided.

California Public Resource Code (Division 4. Forests, Forestry and Range and Forage Lands) (CPRC)

United States Forest Service Handbook (FSH)

Storm Water Pollution Prevention Plan (SWPPP)

TRANSMISSION LINE PROJECT FIRE PLAN

1.3 RESPONSIBILITIES

- A. This Specification describes Constructor and Construction Representative's responsibilities. Edison or Constructor's crew may assume these responsibilities as follows:
- B. Edison crew that are assigned to construct transmission lines will assume the responsibilities of "Constructor", as described in this specification, or
- C. Contractors who are contracted and authorized by Edison to construct transmission lines shall take on the responsibilities of "Constructor", as delineated in this specification.
- D. A Construction Representative will be assigned by Southern California Edison.

1.4 SCOPE OF WORK

Constructor shall furnish all supervision, labor, tools, equipment and material necessary to prevent starting any fire, control spread of fires if started, and provide assistance for extinguishing fires started as a result of transmission line construction activities; as specified herein, the Project Specification, and Job Walk Minutes.

1.5 SAFEGUARDS AND CONTROL OF FIRES

- A. Constructor shall provide temporary safeguards, walks, rails, guards, construction fences, and suchlike, as required by any ordinances, as directed by the Construction Representative, or as necessary to protect workers, Edison employees, and the public from the time when the Work is begun until it is accepted by Edison. Constructor shall ensure reasonable safeguards have been implemented to prevent any fires from starting.
- B. Constructor shall incorporate Best Management Practices to prevent starting any uncontrolled fire, control spread of fires if started, and provide assistance for extinguishing fires started as a result of transmission line construction. Constructor shall be solely responsible to owners or occupants of land for damage of every kind and nature resulting from the Work and activities of Constructor and its crews.
- C. In the event of unforeseen damage to any improvement, Constructor shall promptly notify the Construction Representative and the owner of such improvements. Any damaged improvements shall immediately be repaired by Constructor as approved by the owner of such damaged facility. Other damaged property shall be repaired within a reasonable time.

1.6 PRECAUTIONS IN AREAS OF FIRE HAZARDS

- A. Constructor shall use every reasonable precaution against starting fires where the work is performed, in whole or in part, in an area covered with flammable dry grass, brush, and trees. Such precautions shall include, but not be limited to, prohibiting smoking on the Jobsite, use of spark arresters on equipment exhaust, and if necessary assigning a Fire Patrolperson whose responsibility shall be solely to monitor the Constructor's fire-prevention activities. The Fire Patrolperson shall be equipped with radio or cell phone communication capability.
- B. Constructor shall provide required portable fire fighting equipment, shovels, axes, and other necessary fire fighting equipment at all sites where work is in progress, and with all crews in transit.
- C. Constructor shall observe all other precautionary measures that may be ordered by the United States Forest Service (USFS), Division of Forestry of the State where the worksite is located, County Fire Departments, and their authorized representative.

TRANSMISSION LINE PROJECT FIRE PLAN

D. Constructor is further advised that during periods of extreme fire hazard due to critical weather conditions, USFS, Division of Forestry of the State where the worksite is located, and County Fire Departments may order Work to be suspended at any time in designated areas.

E. In the event of any uncontrolled fire near the work, and as requested by the Construction Representative, Constructor shall furnish any and all of its forces and equipment to extinguish such fire as directed by the USFS, Division of Forestry of the State where the worksite is located, and County Fire Departments. Under these conditions, Constructor's forces shall operate under the sole jurisdiction of the USFS, Division of Forestry of the State where the worksite is located, and County Fire Departments. Payment for labor and equipment shall be negotiated between the Constructor and the USFS.

1.7 FIRE PLAN REQUIREMENTS FOR US NATIONAL FOREST AREAS

1.7.1 Constructors Responsibilities

A. The provisions set forth in this section of the Project Fire Plan outline the Constructor's responsibility for fire prevention and suppression activities, along with the establishment of a fire attack procedure during transmission line construction projects which take place within U.S. National Forest areas. The "Project Vicinity" is defined as that area which is within and adjacent to the project rights-of-way and work areas, along with all roads used in connection with the construction activities. The provisions set forth in this section of the Project Fire Plan also specify conditions under which construction activities may be curtailed or shut down while within National Forest areas.

B. The terms and conditions of this Project Fire Plan are designed to be in compliance, or exceed the provisions of the U.S Forest Service "Fire Plan for Construction and Service Contracts" dated 04-26-04 and is incorporated in it's entirety herein.

C. The Forest Service may conduct one or more inspections for compliance with this fire plan. The number, timing, and scope of such inspections will be committed at the discretion of the agency employees responsible for contract administration. Such inspections do not relieve the Constructor of responsibility for correcting violations of this fire plan or for fire safety in general.

Constructor (or his designated representative) shall:

1. Abide by the requirements of this Fire Plan,
2. Take all steps necessary to prevent his/her employees, subcontractors and their employees from setting fires,
3. Be responsible for preventing the escape of fires set accidentally as a result of construction activity,
4. Participate in the extinguishing of all fires in the event that they cannot be immediately contained until relieved by a representative of the U.S. Forest Service,
5. Assure that all project fire prevention methods, tools, equipment and fire suppression activities are in accordance with any U.S. Forest Service, State, or local codes, the Project Specification requirements, and as stated herein,
6. Complete the Contractor's Plan Regarding Personnel, Equipment and Organization (See last page this document), and furnish the U.S. Forest Service representative with a copy prior to commencing work in the National Forest Project Vicinity,

TRANSMISSION LINE PROJECT FIRE PLAN

7. Advise the responsible U.S Forest Service representative of any changes in personnel, equipment and organization as the changes occur, and
8. Assign a fire patrolperson whose responsibility shall be solely to monitor the Constructor's fire-prevention activities. The fire patrolperson shall be equipped with radio or cell phone communication capability. The fire patrolperson shall perform the project fire patrolperson duties as described herein and any other duties as necessary to ensure that the Constructor is abiding by this specification.

1.7.2 Operating and Construction Guidelines

Prior to commencement of work each day, the Constructor shall obtain the Project Activity Level (PAL) and plan the work accordingly. Constructor shall then, as part of a morning safety tailboard meeting:

- Review fire plan with employees, fire patrolperson, and the Construction Representative;
- Review smoking policy;
- Remind employees to not leave idling vehicles with hot exhaust manifolds on dirt roads with dead combustible vegetation under the vehicle;
- Inspect vehicles and fire fighting equipment daily to ensure equipment is operable and that Fire Plan inspection sheet is still with vehicles;
- Inspect any new vehicles and construction equipment to ensure it is properly equipped with minimum required fire fighting tools and equipment; and
- Keep a detailed daily log which documents locations of all crew and equipment as part of placement in case a fire occurs.

1.7.3 Fire Prevention Measures

1.7.3.1 Permits Required

The Constructor must secure a special written permit from the District Ranger or designated representative before engaging in any of the activities listed below.

- Blasting and Storage of Explosives and Detonators. Explosives Permit is required
- by California Health & Safety Code, Section 12101,
- Burning,
- Air Pollution.(Issued by local State or County Air Pollution Control Districts, as applicable.)
- Camp, Lunch and Warming Fires.
- Welding and Cutting.

1.7.3.2 Regulations for Burning

Before setting any fires whatsoever, the Constructor shall notify the Contracting Officer (CO) of his/her intentions. Special care shall be taken to prevent scorching or causing any damage to adjacent structures, trees, and shrubbery. Piles of material to be burned shall be of such size and so placed that during burning no damage shall result to adjacent objects.

TRANSMISSION LINE PROJECT FIRE PLAN

1.7.3.3 Smoking and Fire Rules

Smoking shall not be permitted, except in a barren area or in an area cleared to mineral soil at least three feet in diameter. Designated smoking areas shall be assigned by the Constructor. Constructor shall provide closeable airtight and fireproof container designed to contain cigarette butts for designated smoking areas. Constructor shall post signs regarding smoking and fire rules in conspicuous places for all employees to see. Constructor's supervisory personnel shall require compliance with these rules. Under no circumstances shall smoking be permitted while Constructor's employees are operating light or heavy equipment, while commuting to the jobsite from highways, or walking or working in grass and woodlands.

1.7.3.4 Storage and Parking Areas

Equipment service areas, parking areas, and gas and oil storage areas shall be cleared of all flammable material for a radius of at least 50 feet. Small mobile or stationary engine sites shall be cleared of flammable material for a radius of at least 15 feet from such engine. The USFS Contracting Officer (CO) shall approve such sites in writing.

1.7.3.5 Welding

Constructor shall confine welding activity to cleared areas having a minimum radius of ten feet measured from place of welding. If welding occurs on the line right of way, a fire patrolperson shall observe the operation.

1.7.3.6 Blasting

Constructor shall use electric caps only. When blasting is necessary in slash areas, a watchperson equipped with shovel and a water-filled backpack can (5 gallon), with hand pump, shall remain in the immediate area for an hour after blasting has been completed.

1.7.3.7 Oil Filter and Glass Jugs

Constructor shall remove from National Forest land all oily rags and used oil filters. Constructor shall prohibit his/her employees using glass bottles and jugs in National Forests.

1.7.4 Fire Fighting and Reporting Tools and Equipment

Constructor shall provide the Fire Fighting tools and equipment as listed below. All tools and equipment shall be in good workable condition and shall meet the following principle Forest Service specifications for fire tools:

- Shovels shall be size "O" or larger and be not less than 46 inches in overall length.
- Axes (or pulaskis) shall have 2-1/2 pound or larger heads and be not less than 28 inches in overall length.

1.7.4.1 For Diesel and Gasoline Operated Engines

For Project Activity Level A or higher, Constructor shall equip all diesel and/or gasoline-operated engines, both stationary and mobile, and all flues used in any contract and camp operations with spark arresters that meet Forest Service standards set forth in the National Wildfire Coordinating Group publication for Multi-position Small Engines, #430-1, or General Purpose and Locomotive, #430-2.

TRANSMISSION LINE PROJECT FIRE PLAN

Spark arresters are not required on equipment powered by exhaust-driven turbo-charged engines or motor vehicles equipped with a maintained muffler as defined in California Public Resources Code (CPRC), Section 4442 and 4443.

1.7.4.2 For Vehicles and Construction Operating Equipment

For Project Activity Level A or higher, Constructor shall furnish and have available for emergency use on each vehicle used in conjunction with performance of the work (i.e., truck, pickup trucks, crew vehicle, tractor, grader and other construction equipment) hand tools and/or equipment as follows:

- One shovel,
- One axe (or pulaski), and
- A fully charged 2-A:10-B:C fire extinguisher, or larger.

1.7.4.3 For Machines with Hydraulic System

For Project Activity Level A or higher, Constructor shall equip each mechanized harvesting machine with hydraulic systems, powered by an internal combustion engine (e.g., chipper, feller/buncher, harvester, forwarder, stroke delimeter, etc), except tractors and skidders, with at least two 4-A:80-B:C fire extinguishers, or equivalent. In addition, concentrations of wood dust and debris shall be removed from such equipment daily.

1.7.4.4 For Welders

For Project Activity Level A or higher, Constructor shall furnish one shovel and one backpack 5 gallon water-filled tank with pump with each welder.

1.7.4.5 For Non-Self-Propelling Gasoline or Diesel Powered Tools

For Project Activity Level A or higher, Constructor shall furnish one shovel and one pressurized chemical fire extinguisher for each gasoline-powered tool, including but not restricted to compressors, hydraulic accumulators, gardening tools (such as chain saws and weed trimmers), soil augers, rock drills, etc. Fire extinguishers shall be of the type and size necessary to provide assurance of controlling fire caused by use of portable power tools under various climatic and fuel conditions. Shovel must be kept within 100 feet from each chain saw when used off cleared landing areas.

1.7.4.6 Communication Capability

- A. For Project Activity Level A or higher, Constructor shall furnish communication capability (e.g., a serviceable telephone, radio-telephone, or radio system) connecting each operation with the designated Forest Service Dispatch Center. A radio-equipped fire patrolperson vehicle will satisfy this requirement if in operation during the time required.
- B. The communication system shall provide prompt and reliable communications between the Constructor's operations and the Forest Service Dispatch Center.
- C. The communications system shall be operable during Constructor's operation in the fire precautionary period and at the time fire patrolperson service is required.
- D. The communications system shall be capable of contacting the designated Forest Service Dispatch Center within five (5) minutes of discovery of a fire in the Constructor's operating area.

TRANSMISSION LINE PROJECT FIRE PLAN

1.7.4.7 For Project Work Area

A. A project work area is an area where work is concentrated, including a zone extending 500 feet radially from the center of a work area.

B. For Project Activity Level B or higher, the following personnel and equipment shall be provided:

1.7.4.7.1 Fire Patrolperson

Constructor shall provide and stage the following personnel and equipment at each project work area:

A. One dedicated fire patrolperson who shall be responsible for patrol of the activities for prevention, detection, control, and extinguishing of fires;

B. One water filled five (5) gallons backpack pump dedicated to the fire patrolperson;

C. One water filled five (5) gallons backpack pump dedicated to the crew at the project work area; and

D. Proven working and reliable communication equipment, radio or cell phone, which guarantees communication path to 911 operator in case of emergency. This communication equipment can be vehicle equipment but must be portable if remote operation away from the vehicle is commenced.

1.7.4.7.2 Water Tank or Trailer

A. Constructor shall furnish a water tank truck or trailer. The truck may serve a dual purpose. The truck may be used to spray water on roads and work area to suppress dust as per SWPPP requirements. The main purpose shall be to assist in the fire prevention and fire fighting activities. The truck shall never have less than 300 gallons of water aboard, even when en-route to refill.

B. The water tank truck or trailer shall be located on or adjacent to the project work area and meet the following minimum specifications:

1. Contain at least 300 gallons of water;

2. A combination straight stream-fog nozzle with 300 feet of one-inch fire hose, with no segment longer than 50 feet;

3. Fire hose with nozzle closed shall be capable of withstanding 200 psi pump pressure without leaking, slipping of couplings, distortions, or other failures;

4. Nozzle discharge rating of six to 20 gallons per minute;

5. A pump capable of delivering 23 gallons per minute at 175 pounds psi at sea level;

6. Power unit for pump shall have fuel for at least two hours operation, with ample transport available for immediate and safe movement of tank over roads serving the contract area; and

TRANSMISSION LINE PROJECT FIRE PLAN

7. Pump outlet shall be equipped with 1-1/2 inch National Standard Fire Hose thread.

1.7.4.7.3 Support Truck

Constructor shall provide one support truck for each heavy piece of equipment operating solo while mobile. The support truck shall follow the heavy equipment as it operates. As an example, as a grader grades a road, a support truck shall follow. This does not apply to a water truck.

1.7.4.8 For Heavy Construction Operating Equipment

For Project Activity Level C or higher, Constructor shall furnish and have available for emergency use on each heavy construction operating equipment used in conjunction with performance of the work additional fire fighting capabilities as follows:

- A. An onboard self-extinguishing fire suppression system capable of extinguishing any equipment caused fire, or
- B. A portable Class A fire suppression system capable of extinguishing a 20 foot by 20 foot wild land fire within 5 minutes of discovery. The Class A system shall meet the following specification:
 - 100 feet of one inch hose,
 - Minimum discharge distance of 50 feet,
 - Minimum pressure of 100 psi at discharge orifice, and
 - Sustainable for minimum of 5 minutes.

1.7.4.9 For Central Mobilization Area

For Project Activity Level C or higher, Constructor shall equip a centrally designated mobilization area, or at a concentrated long term project work area one sealed box of fire fighting tools. The box shall be sealed with a Forest Service seal to be broken for emergency use only. The box shall be unlocked during transmission line project construction activities. The box shall contain:

- Three (3) five gallons backpack pump-type fire extinguishers filled with water;
- Five (5) shovels;
- Five (5) axes;
- Five (5) McCleod fire tools;
- One (1) serviceable chain saw of 3-1/2 or more horsepower with a cutting bar 20 inches in length or longer.

1.7.4.10 For Tractor Dozer

For Project Activity Level C or higher, Constructor shall furnish two tractor headlights for each tractor dozer. Tractor headlights shall be attachable to each tractor and served by an adequate power source.

1.7.5 EMERGENCY MEASURES

- A. The table set forth below establishes work restrictions and fire precautions that the Constructor must observe at each project activity level. The restrictions are cumulative at each level.

TRANSMISSION LINE PROJECT FIRE PLAN

B. Constructor shall conform to the limitations or requirements of Project Activity Level (PAL) obtained from Forest Service before starting work each day. If practicable, Forest Service will determine the following day's activity level by 4:00 p.m. each afternoon. Activity level may be changed at any time if, in the judgment of the Forest Service, fire danger is higher or lower than predicted and such change is consistent with forest management objectives. The decision to change the activity level, and when, and how to take weather observations for that purpose, are within the discretion of Forest Service.

C. PAL applicable to this project shall be for Fuel Model G, National Fire Danger Rating System, and Remote Automated Weather Station (RAWS) or fire danger rating area stated in the legend of Project Area Map.

PROJECT ACTIVITY LEVELS

<u>Level</u>	<u>Project Activity Requirements</u>
A	1. As required by Sections 1.7.4.1 through 1.7.4.6 above
B	1. As required by Sections 1.7.4.1 through 1.7.4.7 above 2. Furnish fire patrolperson. A fire patrolperson is required for mechanical operations, including equipment with high speed rotary heads (i.e., > 1,100 RPM) from cessation of operations until 2 hours after operations cease or sunset, which ever occurs first.
C	1. As required by Sections 1.7.4.1 through 1.7.4.10 above 2. Fire patrolperson is required until sunset local time. 3. The following operations are prohibited from 1:00 PM until 8:00 PM local time: a) Blasting b) Dead tree felling (with high speed rotary head), limbing, or bucking except recently dead trees. c) Operating high speed rotary head equipment.
D	1. As required by Sections 1.7.4.1 through 1.7.4.10 above 2. The following operations are prohibited between hours of 10:00 AM and 8:00 PM local time: a) Blasting; b) Mechanized operations for felling (with high speed rotary head), bucking, and limbing; and c) Felling dead material.

TRANSMISSION LINE PROJECT FIRE PLAN

- D** 3. The following activities may not operate between hours of 1:00 PM and 8:00 PM local time except by special permit:

- a) Rubber tired skidding
- b) Chipping on roads or landings
- c) Cable yarding
- d) Welding or cutting of metal
- e) Road maintenance
- f) Culvert installation
- g) Dirt moving
- h) Helicopter Yarding
- i) Hand slash disposal
- j) Chainsaw operations on landings and roadbeds

4. Other operations may continue after 1:00 PM local time, if they meet the following requirements:

A fire patrolperson is required to walk all areas treated that day once per hour, until sunset local time. This includes chainsaw felling, metal track skidding, machines with chainsaw cutting heads and mastication equipment.

- Ev** 1. As required by Sections 1.7.4.1 through 1.7.4.10 above

2. The following activities may operate:

- a) Loading of trucks at landing and Hauling
- b) Equipment at approved sites may be serviced
- c) Roads: Dust abatement or rock aggregate installation (does not include pit development)

3. Other operations may continue until 1:00 PM local time when Constructor and Forest Service agree to variance.

- E** 1. As required by Sections 1.7.4.1 through 1.7.4.10 above

2. The following activities may operate:

- a) Loading of trucks at landing and Hauling
- b) Equipment at approved sites may be serviced
- c) Roads: dust abatement or rock aggregate installation (does not include pit development)

TRANSMISSION LINE PROJECT FIRE PLAN

1.7.6 REPORTING FIRES

Constructor shall report all fires to any of the following Forest Service facilities and/or personnel listed below, but not necessarily in the order shown:

	Name	Address and/or Telephone number
Dispatch Center		
Nearest FS Station		
Inspector		
COR		
District Ranger		
D.R. Designated Rep		

When reporting a fire, provide the following information:

- Your name
- Call back telephone number
- Project name
- Location
- Legal description (Township, Range, Section); and Descriptive location (Reference point).

Fire Information:

- Acres;
- Rate of spread; and
- Wind conditions

TRANSMISSION LINE PROJECT FIRE PLAN

Constructor's Plan Regarding Personnel, Equipment and Organization

The Constructor shall, prior to commencing work, furnish the following information relating to key personnel, tools and equipment available for the purpose of fighting wild fires within and adjacent to the Contract Area:

KEY PERSONNEL: (In order of call preferences)

	Name	Address and/or Telephone Number
Fire Supervisor		
Fire Patrolperson		

PERSONNEL AND EQUIPMENT:

	Number	Classification, Type, Make & Model
Fire Fighters		
Fallers		
Power Saws		
Other Equipment		

Contractor's Signature

Date

Contractor's Officer's Signature

Date