



**Matthew Rodriguez**  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Barbara A. Lee, Director  
8800 Cal Center Drive  
Sacramento, California 95826-3200



**Edmund G. Brown Jr.**  
Governor

January 4, 2016

### HAZARDOUS WASTE PERMIT RENEWAL, SAN ONOFRE NUCLEAR GENERATING STATION, ENVIRONMENTAL PROTECTION AGENCY ID NO. CAD000630921

The purpose of this letter is to notify you that the California Department of Toxic Substances Control (DTSC) has made a draft Hazardous Waste Facility Storage Permit for the San Onofre Nuclear Generating Station available for public review. You are required under California Code of Regulations Title 22, Division 4.5, Section 66271.9(c) to receive this information. For more information, please review the Public Notice (Community Update) enclosed with this letter. The draft Permit, Permit Application, and Fact Sheet can be found at the following DTSC website:

[http://www.dtsc.ca.gov/HazardousWaste/Projects/San\\_Onofre.cfm](http://www.dtsc.ca.gov/HazardousWaste/Projects/San_Onofre.cfm)

If you have any questions regarding this matter you may contact me at 916-255-3587 or [sam.coe@dtsc.ca.gov](mailto:sam.coe@dtsc.ca.gov)

Sincerely,

Sam Coe  
Project Manager  
Permitting Division  
CA Dept. of Toxic Substances Control

COOL  
NRR



# COMMUNITY UPDATE

The mission of DTSC is to protect California's people and environment from harmful effects of toxic substances by restoring contaminated resources, enforcing hazardous waste laws, reducing hazardous waste generation, and encouraging the manufacture of chemically safer products.

## PERMIT RENEWAL FOR SAN ONOFRE NUCLEAR GENERATING STATION WASTE STORAGE



*San Onofre Nuclear Generating Station*

The Department of Toxic Substances Control (DTSC) invites your comments on the draft Hazardous Waste Facility Permit (draft Permit) for San Onofre Nuclear Generating Station (San Onofre) located at 5000 Pacific Coast Highway, San Clemente, California, 92672 and the address for Southern California Edison (Edison) is 2244 Walnut Grove Avenue, Rosemead, California 91770.

In November of 2014, DTSC published a public notice regarding the receipt of the permit renewal application from Edison. The draft Permit, if approved, allows Edison, the operator, to store hazardous waste with varying levels of radioactivity for up to one year at San Onofre as they continue the plant decommissioning process. Edison ships the hazardous waste off-site within a year from the date it begins storage. The hazardous waste does not include spent nuclear fuel from the reactors. The types of hazardous waste stored at San Onofre include lead, asbestos, and used oil. DTSC's Office of Permitting-Sacramento (address on page 3) is processing the permit application and has prepared the draft Permit.

### Public Comment Period



**January 7, 2016 -  
February 24, 2016**

You may submit comments on the proposed Hazardous Waste Facility Permit for Southern California Edison during the public comment period

**January 7, 2016 to  
February 24, 2016.** Submit all written comments by:

**February 24, 2016 to:**

Sam Coe, Project Manager  
DTSC Permitting Division  
8800 Cal Center Drive

Sacramento, California 95826 or

[Sam.Coe@dtsc.ca.gov](mailto:Sam.Coe@dtsc.ca.gov)

**DTSC will hold a Public Hearing where oral or written comments may be submitted on: Thursday, February 11, 2016 at 6:00 p.m.**

**Concordia Elementary School  
3120 Avenida Del Presidente  
San Clemente, California 92672  
(949) 492-3060**



## SITE HISTORY AND BACKGROUND

San Onofre was a nuclear power generating facility that began operation in 1968 and that is now undergoing decommissioning. The facility operated three pressurized water nuclear reactors (Units 1, 2, and 3) and several smaller standby diesel generating units. Reactor Unit 1 operated from January 1, 1968 to November 30, 1992 and, was shut down in 1992. Units 2 and 3 were constructed in 1974 and 1976, and ceased operation in 2013.

In 2005, DTSC granted a hazardous waste storage permit to Southern California Edison (Edison) for San Onofre. Edison submitted a permit renewal application in December 2013. In November of 2014, DTSC published a public notice regarding the receipt of the permit renewal application from Edison. Edison requests authorization from DTSC to continue the storage of hazardous waste at San Onofre. DTSC completed its review of the permit application and has now prepared a draft permit.

## MIXED WASTE STORAGE

The decommissioning and decontamination of the facility, which includes the dismantling, removal, and shipment of plant components will result in the generation of hazardous waste, some of which will contain varying levels of radioactivity. We refer to this type of hazardous waste as mixed or combined waste. All mixed or combined waste must be managed according to DTSC hazardous waste regulations as well as United States Nuclear Regulatory Commission regulations.

Mixed wastes are stored in closed containers. Examples of these wastes include used oil, chemical solvents, lead solids, and asbestos. Edison ships these wastes off-site within one year from the day they began storage. Mixed waste does not include the spent nuclear fuel from the nuclear reactors. None of these wastes come from outside sources.

Mixed wastes are stored in the three storage areas:

South Yard Facility (SYF) Sections A and B - Sections A and B store containers of hazardous waste with radiation levels detected below 50 mREM/hour.

Low Specific Activity Waste (LSAW) Area - The LSAW area stores hazardous waste with radiation levels detected between 50 mREM/hour and 1REM/hour.

High Specific Activity Waste (HSAW) Area - The HSAW area stores hazardous waste with radiation levels detected above 1REM/hour.

## WHY DO WE REQUIRE A PERMIT FOR SAN ONOFRE?

California law requires hazardous waste storage activities to meet all relevant requirements in the California Code of Regulations, Title 22, and Division 4.5 of the California Health and Safety Code (H&SC). DTSC develops permits after our detailed technical review of the facility's permit application. DTSC has determined the permit application submitted by Edison for San Onofre meets all regulatory standards and requirements.

## CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

Under the California Environmental Quality Act, DTSC must evaluate whether the proposed actions may have any significant impacts on human health or the environment. As part of this evaluation, DTSC reviewed an earlier 2004 study (called a Negative Declaration) and found that the Negative Declaration adequately described the proposed action and potential impacts and that a subsequent environmental impact report is not required.

## NEXT STEPS

DTSC encourages public participation in the decisionmaking process and invites the public to review and comment on the draft Permit. After the public comment period concludes, DTSC will consider all comments prior to making a final permit decision and issue a response to comments document, which will be made available to commenters and other members of the public. DTSC will also notify the applicant and





each person who has submitted comments or requested notice of the final Permit decision. This notice will reference the procedures for appealing a decision on the Permit. The Response to Comments will be made available at the information repositories list below.

## **INFORMATION RESPOSITORIES**

You may review the draft Permit and other related documents for the San Onofre permit renewal at the following locations:

San Juan Capistrano Regional Public Library

31495 El Camino Real

San Juan Capistrano, California 92675

(949) 493-1752; Call for hours

DTSC Sacramento Regional Office File Room

8800 Cal Center Drive

Sacramento, California 95826

(916) 255-3758; Call for an appointment

Or on-line at the DTSC website: [http://www.dtsc.ca.gov/HazardousWaste/Projects/San\\_Onofre.cfm](http://www.dtsc.ca.gov/HazardousWaste/Projects/San_Onofre.cfm)

## **ADMINISTRATIVE RECORD**

The administrative record may be viewed by appointment **Monday - Friday between 9:00 A.M. and 5:00 P.M.** at the DTSC Sacramento Office (see address above). All data submitted by the applicant is available as part of the administrative record.

## **DTSC CONTACTS**

The following individuals can be contacted with any questions or concerns regarding the draft Permit and to obtain further information, including a copy of the draft Permit, Fact Sheet, and the permit application:

Sam Coe

Project Manager

8800 Cal Center Drive

Sacramento, California 95826

(916) 255-3587

[Sam.Coe@dtsc.ca.gov](mailto:Sam.Coe@dtsc.ca.gov)

Nathan Schumacher

Public Participation Specialist

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Sacramento, California 95826

(916) 255-3650; 1-866-495-5651

[Nathan.Schumacher@dtsc.ca.gov](mailto:Nathan.Schumacher@dtsc.ca.gov)

Sandy Nax

Public Information Officer

1001 I Street

Sacramento, California 95814

(916) 327-6114

[Sandy.Nax@dtsc.ca.gov](mailto:Sandy.Nax@dtsc.ca.gov)

Si prefiere hablar con alguien en español acerca de ésta información, favor de llamar a Jesus Cruz, Departamento de Control de Sustancias Tóxicas. El número de teléfono es (916) 255-3315, o gratis a (866) 495-5651.

