

San Onofre Nuclear Power Plant should not be restarted

Facts Edison doesn't want you to know

San Onofre has the worst safety complaint record in the nation and the most complaints of retaliation against employees who report safety problems. See Safety Complaint Charts with Nuclear Regulatory Commission (NRC) data¹

Edison wants to restart a broken nuclear reactor without fixing it. San Onofre has the most defective nuclear reactors in the nation's history according to the NRC. Edison's inspections revealed more defects in **BOTH** Unit 2 and 3 steam generators than in all other U.S. steam generators combined. See Steam Generator Chart on back.² Edison promised the new steam generators would last over 40 years,³ yet the defective redesign of these generators resulted in radiation leaks in Unit 3 in less than one year and decades of premature wear in less than 2 years in **BOTH** Unit 2 and 3. **BOTH** Unit 2 and 3 have the same defective design.

The only way to know a steam generator is failing is when it leaks radiation. Technology doesn't exist to evaluate steam generators while operating. They can only do simulations. These were inaccurate by 400%.⁴ Steam generators are critical to preventing nuclear meltdown.

California has excess power without San Onofre⁵ – so why take the risks?

Southern California went through an entire hot summer without San Onofre with no blackouts. California's electric grid operator has plans to take us through next summer without San Onofre and is making long-term plans without San Onofre.⁶

1

<http://sanonofresafety.files.wordpress.com/2011/11/allegationscharts-1perpage1.pdf>

<http://sanonofresafety.files.wordpress.com/2011/11/pluggedtubesbyage2012-10-10.pdf>

³ <http://www.oeregister.com/news/unit-225731-steam-generators.html#>

<http://sanonofresafety.files.wordpress.com/2011/11/badvibrations2012-10-08.pdf>

⁵ <http://sanonofresafety.files.wordpress.com/2011/11/california-has-excess-power-without-nuclear7.pdf>

6

<http://www.caiso.com/Documents/CaliforniaISOPPreparesforAnotherPotentialSummerWithoutSanOnofreGeneration.pdf>

Independent nuclear experts identified serious flaws in Edison's restart plans that have not been addressed. See independent nuclear expert reports by the Union of Concerned Scientists⁷, Fairewind Associates⁸ and Committee to Bridge the Gap⁹.

The NRC should require a License Amendment process and adjudicatory hearing before considering restart. This will result in a much higher level of review. It includes an evidentiary hearing with sworn testimony, and includes nuclear experts independent of the NRC, Edison and the nuclear industry.

The original NRC approval process and Edison's "expert" steam generator redesign was a billion dollar failure.¹⁰ Now the NRC and Edison want to use the same flawed process that created this mess in the first place.

How to Help

Share this information with others. Subscribe to our email list for updates.

Tell your federal, state and local officials you do not want the broken nuclear reactors restarted. Instead of protecting Edison's profits, the NRC needs to protect our safety and the California Public Utilities Commission needs to ensure we have reliable and cost effective electricity.

Learn more government and scientific facts Edison won't tell you:

Contact Gary Headrick
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Visit www.SanOnofreSafety.org

⁷ <http://sanonofresafety.files.wordpress.com/2012/10/20121012-songs-ucs-nrc-sg-root-cause-report-comments.pdf>

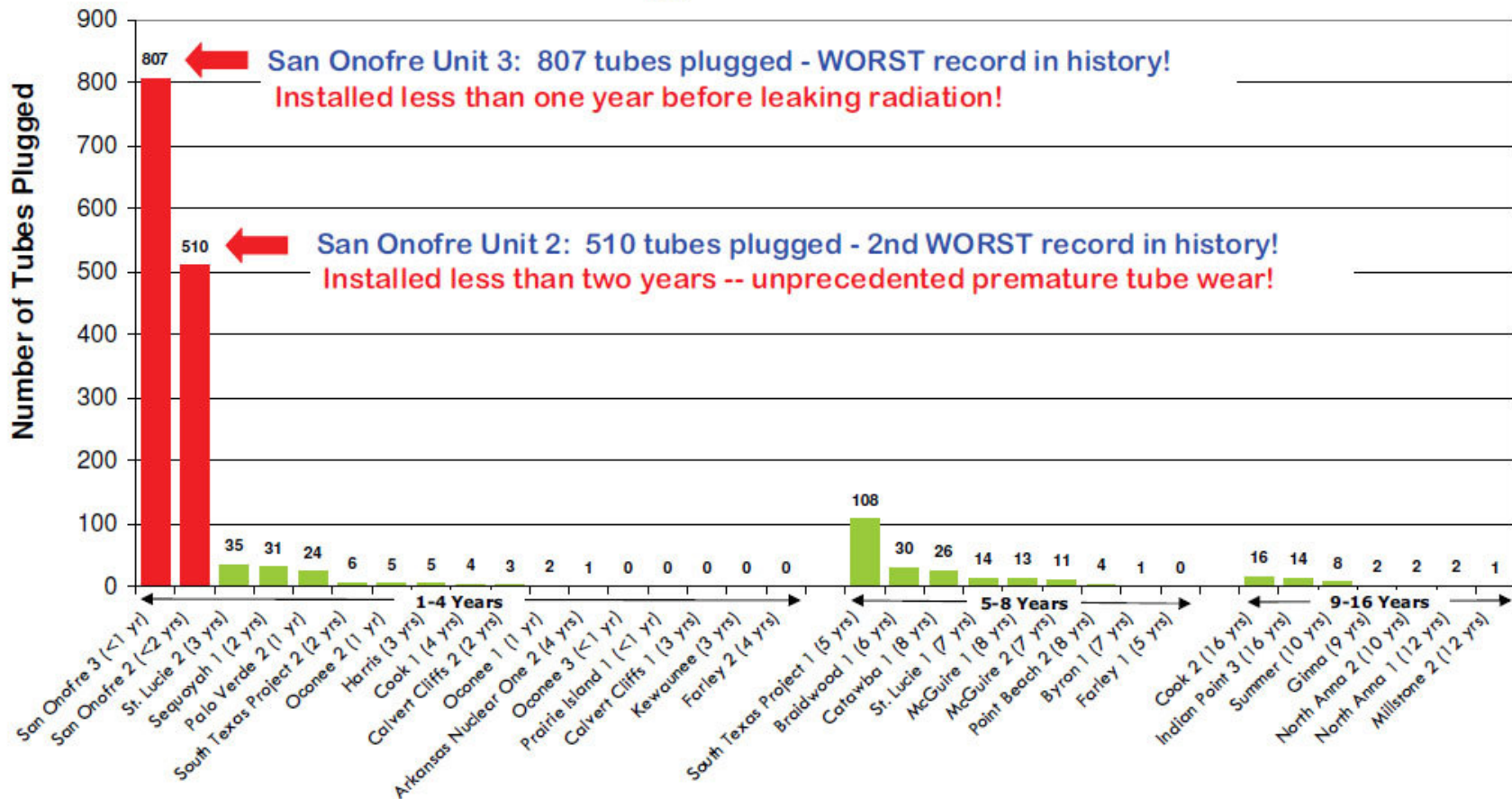
http://fairewinds.org/sites/fairewinds.org/files/reports/Edison_RSGS@SO_US_Worst_2012-7-11_FairewindsRptFOE.pdf

⁹ <http://www.committeetobridgethegap.org/pdf/CBG-SanOnofreReport.pdf>

10

[http://www.dra.ca.gov/uploadedFiles/Content/Energy/Customer_Rates/Aug%2013%202012_Letter%20to%20Commissioners_Removal%20from%20Rates%20of%20Costs%20Associated%20with%20San%20Onofre%20Generating%20Station%20\(SONGS\).pdf](http://www.dra.ca.gov/uploadedFiles/Content/Energy/Customer_Rates/Aug%2013%202012_Letter%20to%20Commissioners_Removal%20from%20Rates%20of%20Costs%20Associated%20with%20San%20Onofre%20Generating%20Station%20(SONGS).pdf)

U.S. Nuclear Reactors: Replacement Steam Generators Tubes Plugged to Avoid Radiation Leaks



Nuclear Reactors (years replacement steam generators in operation before tubes plugged)

NUCLEAR REGULATORY COMMISSION: www.nrc.gov/info-finder/reactor/songs/tube-degradation.html#data,

<http://pbadupws.nrc.gov/docs/ML0723/ML072330588.pdf>, <http://pbadupws.nrc.gov/docs/ML1127/ML11270A015.pdf>

FAIREWINDS: http://fairewinds.org/sites/fairewinds.org/files/reports/Edison_RSGs@SO_US_Worst_2012-7-11_FairewindsRptFOE.pdf