

## CHAIRMAN Resource

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**From:** Tom Gurdziel <tgurdziel@twcny.rr.com>  
**Sent:** Sunday, June 11, 2017 3:21 PM  
**To:** CHAIRMAN Resource  
**Cc:** JNappi@entergy.com; Bridget Frymire; ESTRONSKI@aol.com  
**Subject:** [External\_Sender] A Serious and Repetitive Matter

Good morning,

Back in 2015, Entergy/Indian Point 3 had a refuel outage that lasted about 32 days until they got back to 100% power. (Those days can be checked on the NRC website as being from 3-1-2015 to 4-2-2015.) About 5 ½ months after that refuel outage, they had to shutdown to "Repair RV O-ring". This took them 13 days until they got back to 100% power. (You can check those days as well. They run from 9-14-2015 to 9-27-2015.)

Last night I read that Entergy/Indian Point 3 will be shut down to tonight do the exact same thing. But things are a little different now. This time their most recent refueling outage lasted about 66 days or 73 days to return to full power. Notice that they had twice as long a time to actually work on the O-ring grooves for the O-rings, which go between the reactor vessel (below) and the removable reactor vessel (upper) head. And, this time, they didn't get 5 ½ months of use out of the installed O-ring, no, they are getting less than one month of use.

Something is wrong here. How many U.S. plants have to stop a run to fix reactor head O-rings? How many U.S. plants have to stop to fix their reactor head O-rings after each refuel outage as is the current Entergy/Indian Point 3 practice? I believe the answer is none and none.

So let me put it this way. I believe the current condition of the Entergy/Indian Point Unit 3 plant is UNSAFE to return to operation with just the installation of another set of O-rings. I am requesting that the US NRC keep Entergy/Indian Point 3 shutdown cold until the condition of the upper surface of the reactor vessel, including O-ring grooves be proved to be identical to the as purchased condition. (In particular, make sure you look for steam cutting.) And, I am requesting that the US NRC keep Entergy/Indian Point 3 shutdown cold until the condition of the lower surface of the upper head is found to be identical to the as purchased condition.

This is a 2.206 request.

Thank you,

Tom Gurdziel



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