

From: aceactivists@comcast.net
Sent: Sunday, May 03, 2015 2:39 PM
To: Bower, Fred
Cc: Evan Brandt
Subject: Puzzling Public Observations Involving Unit 2 - Explanation Requested

May 3, 2015

To: Fred Bower, NRC

**From: The Alliance For A Clean Environment (ACE)
Dr. Lewis Cuthbert, ACE President**

**Subject: LIMERICK NUCLEAR PLANT:
RECENT UNIT 2 SHUTDOWN AND START-UP PROBLEMS**

Limerick Nuclear Plant Unit 2 appears to be having extraordinary problems shutting down and starting back up. We are extremely concerned about the safety of Unit 2.

- ➤ **ACE is requesting a comprehensive explanation of what is going on at Unit 2.**
- ➤ **Our concerns are based on the lack of the Limerick plant's Time Limited Aging Analysis, newly NRC-approved experimentation, and unusual Unit 2 start-up patterns.**

Background on a few recent Limerick UNIT 2 problems:

12-29-14:

Amendment of regulation for implementation of new set point dates

2-16-15:

Public notice of elimination of regulation that would have put Unit 2 in violation of NRC regulations

4-12-15:

“Scrammed Scram” / Refueling Shutdown

Public Observations Suggest Unit 2 Is Experiencing Problems Starting Up

May 1, 2015 (conditions clear, very little breeze)

- **STARTING-UP** - 12:10 pm - start-up of Unit 2 was in progress (Observed from Costco Parking Lot)
- **SHUTTING DOWN** - 1:10 pm - smaller plume (3 Miles from Limerick)

- 4:00 pm - no plume visible (1 Mile from Limerick)
- 6:15 pm - no plume visible (1 Mile from Limerick)

- **STARTING-UP** - 8:40 pm - small fuzz of steam capped Unit 2 (1 Mile from Limerick)

May 2, 2015 (conditions clear, very little breeze)

- **SHUTTING DOWN** - 7:35 am - thin wisps rising from Unit 2

- 8:40 am - no steam visible
- 10:05 am - same
- 1:19 pm - same
- 10:18 pm - same

May 3, 2015 (conditions clear, very little breeze)

- **STARTING UP**- 5:19 am - very small plume

- 8:15 am - same

- **SHUTDOWN** - 10:15 am - no steam visible

All observations on May 2 and May 3 were made 1 mile from Limerick.

Scrams can aggravate cracking from embrittlement. Signs of embrittlement have already been reported in Limerick's inherently defective GE Mark II BWRs.

Limerick safety depends on NRC's oversight.

We are asking NRC to independently investigate problems at Limerick Unit 2 and provide us with a comprehensive explanation as soon as possible.