NCNR Status Update



October 26, 2021 Photo cred

Updated "No Earlier Than Date" to Restart Nor

April 2022

Progress to Date



Instrumental area in confinement building decontaminated (guide hall not contaminated in February incident)

Contract awarded for cleaning primary system

Root causes identified and corrective actions being implemented

Request to restart reactor submitted to NRC



What remains?



Implement corrective actions to prevent recurrence

• Some depend on funding availability

Review by external consultants

- On-boarding in progress
- Could result in additional corrective actions

Clean up primary system (contract) Inspect/clean fuel elements (contract)

NRC process to restart

- NRC reviews request to restart and supporting documentation
- Requests-for-additional-information, hearings

	S DEPARTMENT OF COMMERCE te of Standards and Technology anyland 2089-
National Institu	te of Standards and Technology anyland 20899- causes, corrective Details of this event (Event Report 55094),
contributing factors, and proposed corrective actio As a response to these reports, we have prepared the inadequacies in management, training, procedu and contributing factors that led to the event. We l that we believe are necessary to have been comple including an analysis of improvements to element fully latched. We have also included a list of acti- status. It should be noted that detailed video inspe damage to any reactor structure with the exception The enclosures to this letter collectively provide t restart readiness as follows: • Enclosure 1 NCNR TWG report, "Root t Fuel Failure" • Enclosure 2 NCNR TWG report, "Adder February 2021 Fuel Failure" • Enclosure 3 "SEC Subcommittee Report	NCNR management proposes that the completion of the Next Concernctive action items lemitfied as necessary to be completed prior to researt are sufficient to ensure site mention of the NESR. We therefore thereby request NRC Concurrence to restart II BSR upon completion of the items identified as necessary to be completed prior to attap in Enclosure 7. espectfully, obert Dimeo irector declare under penalty of perjury that the foregoing is true and correct. Executed on October 1, 2021
Response and Technical Working Group R. Action Plan"	nclosures as listed

User Program

Reactor restart date uncertain.

We will restart the reactor when

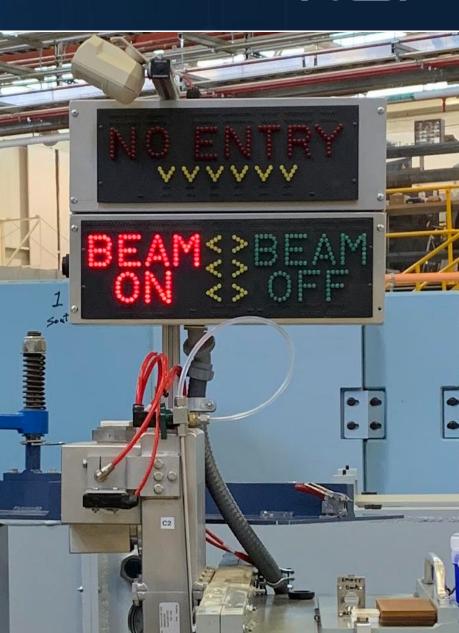
- Reactor plant has been restored to operational readiness; and
- NRC has authorized restart.

Not all instruments may be operating upon restart

Previously approved experiments not run have highest priority

We will run as many approved experiments as possible prior to the 2023 D_2 cold source outage

We are on track to start the 2023 outage near the beginning of CY2023





Thank you!



