

On Behalf of Sandia National Laboratories,
Welcome to the

**2024 National Organization of Test, Research,
and Training Reactors (TRTR) Meeting**

September 29 - October 3, 2024





Sandia hosted TRTR previously in 2016

- Sunday, August 21 - Thursday, August 25



We are delighted to welcome returning attendees and new attendees alike to this year's meeting

- Sunday, September 29 - Thursday, October 3

A Little Background On Sandia's Role in Nuclear Research



Sandia's Technical Area V



Some of the original facilities under construction in the early 1960s

Sandia's Past Reactors



Sandia has been home to a number of research reactors since the beginning:

- Sandia Pulse Reactor (SPR-I) - 1961
- Sandia Nuclear Assembly Reactor Experiment (SNARE) - 1962
- Sandia Engineering Reactor (SER) - 1963
- Annular Core Pulse Reactor (ACPR) - 1967 (Predecessor of ACRR)
- Sandia Pulse Reactor (SPR-III) - 1976

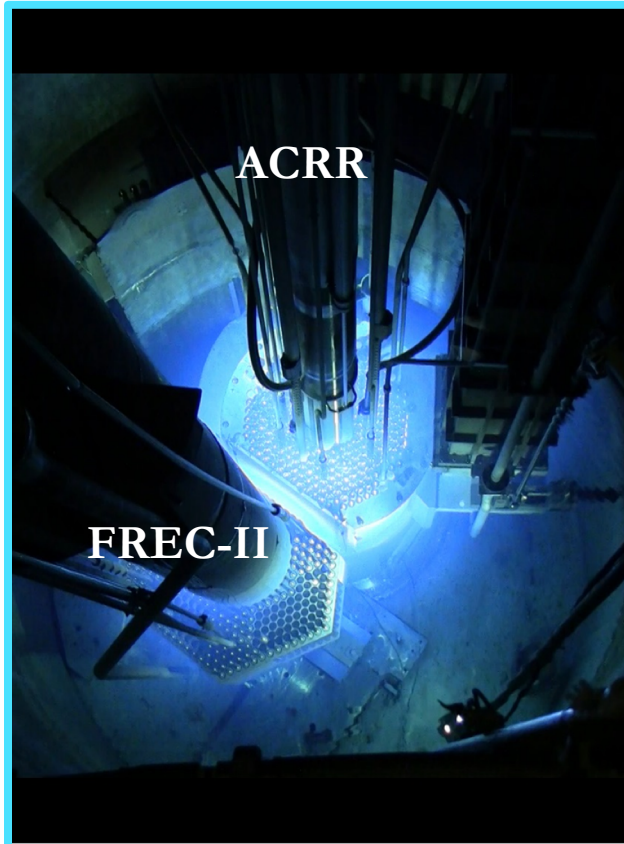


Sandia's Reactors Today



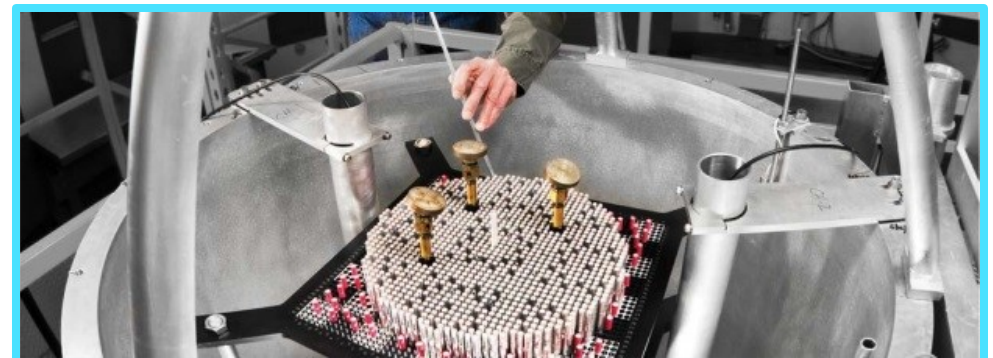
Sandia currently operates

- Annular Core Research Reactor (ACRR) - 1978
- ACRR-Fueled Ringed External Cavity (FREC-II) - 1988
- Critical Experiment (SPR-CX) - 1989



ACRR Top View

SPR-CX



Other TA-V Nuclear Facilities



Gamma Irradiation Facility



Houses and deploys high intensity (1000 rads/second) gamma environments and features 3 dry irradiation cells

Auxiliary Hot Cell



Provides safe handling of irradiated and nonirradiated nuclear and radioactive materials, including mixed waste, in its high bay hot cell

Radiation Metrology Laboratory



Develops and utilizes state of the art methods to characterize complex radiation environments



Welcome!

Schedule At A Glance



	Sunday, Sept 29th	Monday, Sept 30th	Tuesday, Oct 1st	Wednesday, Oct 2nd	Thursday, Oct 3rd
		Breakfast (7:00 AM - 7:50 AM)	Breakfast (7:00 AM - 8:00 AM)	Breakfast (7:00 AM - 8:00 AM)	Breakfast (7:00 AM - 8:00 AM)
Morning	ANS Standards Committee Meeting (9:00 AM - 12:00 PM)	Opening Talk/Plenary Ed Blandford (Kairos) (8:20 AM - 9:20 AM)	NRC Plenary Talk Andrea Veil (NRC) (8:20 AM - 9:00 AM)	Morning Tours: UNM and Sandia Tech Area V (8:00 AM - 11:00 AM)	Opening Talk/Plenary David Epp (SNL) (8:20 AM - 9:20 AM)
		Contributed Oral Talks (9:20 AM - 12:00 PM)	NRC Day - Morning Session (9:00 AM - 12:00 PM)		Contributed Oral Talks (9:20 AM - 12:00 PM)
		Lunch Provided (12:00 PM - 1:00 PM)	Lunch Provided (12:00 PM - 1:00 PM)	Lunch Provided - Nuclear Museum (11:00 AM - 3:00 PM)	TRTR Business Meeting (12:00 PM - 1:00 PM)
Afternoon	Executive Committee Meeting (1:00 PM - 5:00 PM)	Registration / Meeting Check-In (1:00 PM - 7:00 PM)	Contributed Posters (1:00 PM - 2:30 PM)	NRC Day - Afternoon Session (1:00 PM - 5:00 PM)	Afternoon Tour: Kairos and Sandia Tech Area V (1:00 PM - 4:00 PM)
			Contributed Oral Talks (2:30 PM - 5:10 PM)		
Evening			Facility Directors and Representatives Session (5:00 PM - 6:00 PM)		
	Opening Reception (6:00 PM - 9:00 PM)	Dinner at El Bruno (6:00 PM - 8:00 PM)	Dinner at Explora Speaker: Justin Olmstead - SNL Historian (6:00 PM - 10:00 PM)		
	Exhibit Set-Up (1:00 PM - 7:00 PM)	Exhibits (7:00 AM - 5:00 PM)	Exhibits (7:00 AM - 5:00 PM)	Exhibits (7:00 AM - 5:00 PM)	Exhibits (7:00 AM - 10:40 AM)

Current Agenda
 2 plenary speakers
 7 NRC guest speakers
 1 special event speaker
 52 contributed oral talks
 12 contributed posters
 3 tour locations
 2 special social events