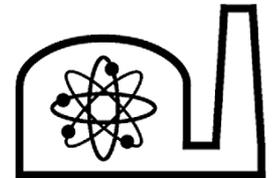


# *The MIT Nuclear Reactor – MITR-II*

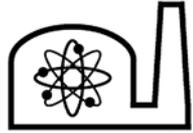
**David Carpenter**  
*Research Scientist*



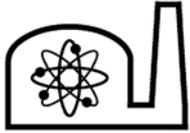
*MIT Nuclear Reactor Laboratory*



# MIT Nuclear Reactor Laboratory

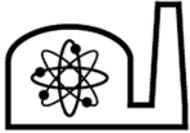


- ❑ Operating since 1958
- ❑ Upgraded in 1975
- ❑ Operates 24/7 up to 6 MW thermal power
- ❑ Light water-cooled, heavy water reflected
- ❑ HEU core
- ❑ Provides irradiation for research, education, and industry

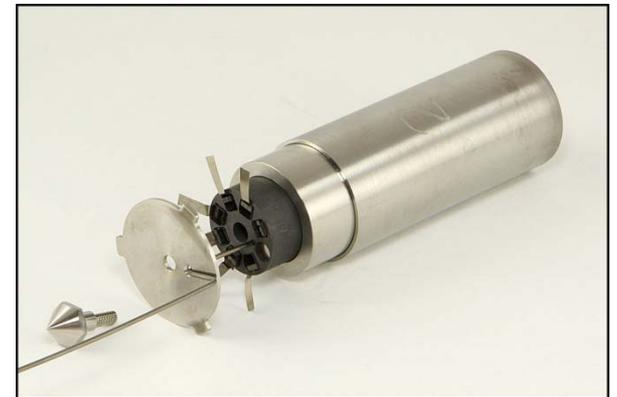
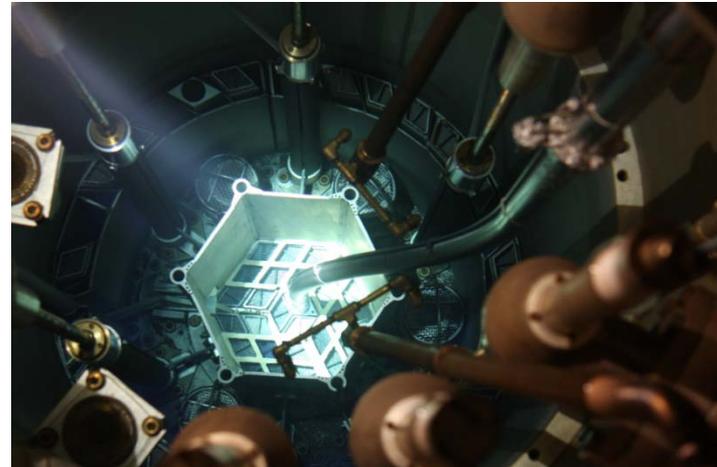


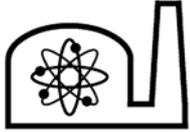
# Core Tank





# In-Core Experiments





# For Your Tour

## Bring

- Government-issued photo ID
- Closed-toe shoes

## Do not bring

- Camera
- Phone
- Bags