U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

Security at Research and Test Reactors

Since 1970's, Security requirements existed and evolved as necessary to detect, deter, assess, and respond to unauthorized activity

On 9/11/2001, NRC verified all RTRs were secure and placed on the highest level of alert

NRC evaluates implementation of additional security measures at RTRs

Additional security measures Orders for transport of certain materials

All RTRs commit to additional security measures

Pre-2001	2001	2002	2003	2004

In the early 1990s, NRC updates regulations as a result of 1980s sabotage studies

NRC updates Advisories, Alert levels, and associated security precautions

NRC found no issues while conducting background checks for all individuals with unescorted access to RTRs

NRC performs site-specific security assessments

Informed by site visits, generic security enhancements shared with RTRs

Site security assessment results provided to RTRs, DOE, DHS

Voluntary Security Enhancement Program provides government funding for security upgrades above regulatory requirements

Issued Advance Notice of Proposed Rulemaking for unescorted access to RTRs

Issue Propose Rule for unescorted access to RTRs

2005	2006	2007	2008	2009	2010	2011	2012

NRC works with Congress on the Energy Policy Act of 2005, includes changes for RTR security enhancements

Fingerprinting Orders for access to Safeguards Information

Fingerprinting Orders for unescorted access to RTRs

Issue Final Rule for unescorted access

<u>Verifications and assessments continue</u>: NRC inspections verify and continue to consider implementation of requirements and security measures. NRC security assessments continue to find that no credible sabotage or theft scenarios at RTRs would result in significant radiological consequences.