



**RIC 2010
Revision of NUREG-0654
Supp. 3**

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Revision of NUREG-0654 Supp. 3

- Technical Basis
- Process Forward
- Implementation Schedule

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Technical Basis

- PAR Study - NUREG/CR-6953,
Volume 1 published in 2007
 - Alternative protective actions can reduce
public dose during severe accidents

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Technical Basis

- PAR Study - NUREG/CR-6953, Volume 2 published in 2008
 - Insight into public tendencies in responding to protective action strategies

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Technical Basis

- PAR Study Volume 3 (in process)
 - Analyze protective action strategies for response to large early release

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Elements of Revised PAR Logic

- Increased offsite response organization involvement in development
- Staged evacuation should be initial protective action at General Emergency
- The public will implement staged evacuation and shelter in place (SIP) if the proper messaging is used

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Elements of Revised PAR Logic

- Guidance provided for emergency messaging
- SIP when impediments to evacuation exist, including hostile action
- Pause before expansion of protective actions to account for mitigative actions

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Elements of Revised PAR Logic

- Large early release protective actions
 - SIP for sites with 2 mile (90%) ETE > 60 minutes
 - SIP for sites with 2-5 mile (90%) ETE > 90 minutes
 - SIP 5-10 mile

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Process for Revision

- Draft Supp 3 in Federal Register for public comment
- Comment period closes XX/XX/10
- NRC to resolve comments
- Revision issued with final Emergency Preparedness rule

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Implementation Issues

- Expect to receive comments
- Implementation requirement not yet determined
 - Propose 6 months?
 - Next biennial exercise more than a year out?
 - After evacuation time estimate update?
- Address PAR Study concern of special needs not in special facilities
