2015 NRC Regulatory Information Conference

Research Leading to Regulation

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- Develop scenarios for accidents in the decommissioned mode and the postulated affects upon the offsite communities.

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- Comprehensive analysis of the affects and impact of Fukushima as it relates to the existing 10-mile Emergency Planning Zone and the Ingestion Pathway.

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- Affects of long term contamination

- Contamination control methodologies

- Impact of exposure control implementation on the emergency response

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Determine the potential for a license extension beyond the present renewal based upon a study of containment integrity.

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- Determine the most efficacious means of incorporating other technologies as identified in the Integrated Public Alert and Warning System to augment or replace the Emergency Alert System (societal notification).

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- Study the associated risks in lessening the reliance on fixed facilities for assessment especially during the HAB from the potential of cyber attack.

- Study the potential for remotely accessing accident assessment data bases until conditions would safe for travel to the Technical Support Center, Emergency Operations Facility, or ORO Facilities.

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- Study the feasibility of incorporating new technologies (i.e. drones) in radiation protection and monitoring.

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Provide a comprehensive study of the response to the Tsunami and the subsequent event at the Fukushima Site by the Japanese Government, Tokyo Electric Company, and public.