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2009 NEI HEALTH PHYSICS FORUM

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NRC REGULATORY ISSUE SUMMARY 2009-09
USE OF MULTIPLE DOSIMETRY AND COMPARTMENT FACTORS IN DETERMINING EFFECTIVE DOSE EQUIVALENT FROM EXTERNAL RADIATION EXPOSURES

- Issued July 13, 2009
- Uses ANSI/HPS N13.41 Compartment Weighting Factors as approved for SONGS.

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NRC DRAFT REGULATORY GUIDE DG-8039, "METHODS FOR ESTIMATING EFFECTIVE DOSE EQUIVALENT FROM EXTERNAL EXPOSURES"

- Issue for public comment end of August 2009 (?)
- Consolidates Guidance on methods for determining EDEX addressed in RIS 2002-06, RIS 2003-04, RIS 2004-01, and RIS 2009-09.

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ROP BASELINE INSPECTION PROCEDURE REALIGNMENT (IMC 0307 App. B)

- Biennial effectiveness review of all ROP BIPs
- Reviews past inspection results, industry events, and other inspection related activities.
- Adjusts inspection focus to improve effectiveness by revising the procedure Inspection Requirements (IR), the number of inspection samples in each IR, and the associated inspection hours for each.

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2009 REALIGNMENT OF BIPs 71121 and 71122

- Combine Inspection Requirements from IP 71121 & IP 71122 into IP 71124.
- Organized IP 71124 by functional areas of Health Physics program - not by ROP cornerstone.
  - Consolidate related IRs currently in different procedures (i.e., Rad. Monitoring Instrumentation, and Rad. Material Control)
  - Remove overlap of existing inspectable areas
  - Consolidate QA and PI&R discussion from each attachment into IP 71124.
- Revise the IRs to be more of a risk informed "sampling" of licensee performance.

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CURRENT RADIATION SAFETY BIPs

- <u>IP 71121 Occupational Radiation Safety</u>

  .01 Access Control To Radiologically Significant Areas

  .02 ALARA Planning And Controls

  .03 Radiation monitoring Instrumentation

- <u>IP 71122 Public Radiation Safety</u>

  .01 Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems

  .02 Radioactive Material Processing and Transportation

  .03 Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program

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PROPOSED RADIATION SAFETY BIPs

- <u>IP 71124 Radiation Safety</u>
  .01 Radiological Hazard Assessment and Exposure Control
  .02 Occupational ALARA Planning
  .03 In-Plant Airborne Control and Intake Mitigation
  .04 Occupational Dose Assessment
  .05 Radiation Monitoring Instrumentation
  .06 Radioactive Gaseous and Liquid Effluents
  .07 Radiological Environmental Monitoring
  .08 Radioactive Material processing, Handling, Storage, and Transportation

Questions?

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