INNOVATE. COLLABORATE. DELIVER.

FRMAC ASSESSMENT
WORKING GROUP UPDATE

National Nuclear Security Administration

Assessment Working Group Update

Assessment Manuals available

Vol 1, Assessment Operations – CM/FRMAC Assessment Operations

Vol 2, Assessment Methods – Technical Methods

Vol 3, Assessment Pre-Assessed Scenarios – 7 different types of release scenarios, replaces 2010 version

https://www.nnss.gov/pages/programs/frmac/frmac_documentsmanuals.html

Or just google "FRMAC Manuals"!

SAND2025-01090PE

Assessment Working Group Update

Training

- AS-50 is available in recorded form
- AS-100 available in an online self-study (LMS) version
- https://snl.matrixlms.com/
- Instructions at https://nirp.sandia.gov under AS100 Training "FRMAC Training Portal MATRIX Login Instructions"
- Quarterly Continuing Training continues
- Recordings available at nirp.sandia.gov
- Will be added to LMS as time allows

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Turbo FRMAC 12.1.0 Released 1/23/25!

- Created an export top dose contributors feature in the Dose Roll Up Tool. This feature reduces a mixture to a set of radionuclides that contribute a percentage of dose for selected time phases. The percentage, dose type, and time phases are user-defined.

- Implemented OIL corrections for radionuclides with non-standard forms for inhalation and ingestion.

- Fixed an error where meat and milk transfer factor references did not appear. Also fixed an issue maintaining user-entered values when the user toggles between user defined transfer factors and provided transfer factors.

- Fixed an issue with saving and loading radionuclide group transfer factor values.

- Implemented option to only select and export total dose in the Excel Total Dose Export Tool.

- Increased the input size in the Paste Mixture From Tool to support all unique radionuclides.

- Updates to Java and third party libraries

  https://nirp.sandia.gov/Software/TurboFRMAC/TurboFRMAC.aspx

Assessment Working Group Update

NIRP Website Update *(Now Live!)*

https://nirp.sandia.gov

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