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Steps for Single Nuclide Source Terms for NNPP Sites

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May 18, 2009

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This work performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under Contract DE-AC52-07NA27344.

May 7, 2009

Steps for single nuclide source terms for NNPP sites

Here are steps needed to run a single nuclide source, and still get NNPP plot types. These steps are supplementary to the training for NNPP Pre-defined scenario steps presented during the site training.

Step 1: Use the Scenario Tab for the New Run (not the NARAC Predefined Tab).

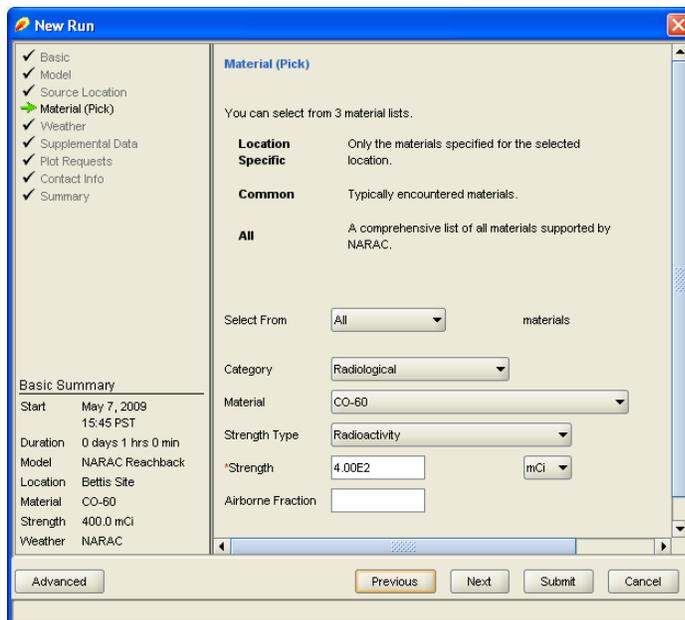


Select the **Basic** (see left) icon under the scenario tab and press **Continue**.

Step 2: Enter the usual information for the following pages:

Basic Scenario Data-	Name, Time, Duration, and response level
Model-	NARAC Reachback, or Hotspot
Location-	Use pre-defined sites, Lat/Lon, UTM coordinates, or click on map

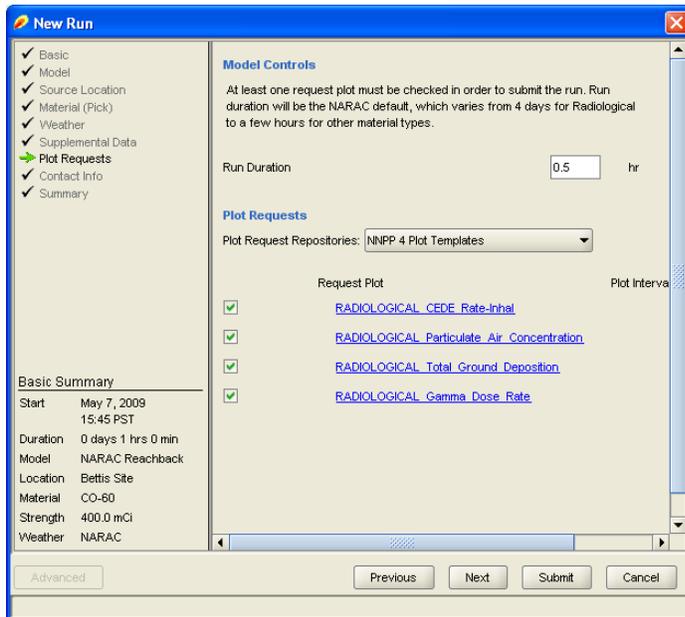
Step 3: Material Page Steps:



1. Set **Select From** combination box to 'Common' for usual nuclides (Co-60 is in the common list). Use all for a complete list.
2. Change the **Category** combination box to 'Radiological'.
3. Use the **Material** combo box to select your nuclide.
4. Select **Strength Type** to either: 'Mass', 'Mass Rate', 'Radioactivity', or 'Radioactivity Rate'
5. Enter the source strength and select the appropriate units

Step 4: Use Canned or Real Wind data, skip to the Plot Request Page

Step 5: Select the NNPP Plot request



1. Change **Plot Request Repositories combination** box to 'NNPP 4 Plot Template'. This will give you the default plots for an NNPP Spill scenario
2. Change the run duration to 0.5 hours (it may default to 96 hours). 30 minutes will give you the usual default initial plots

Step 6: Submit the run.

Notes for entering measurements for NNPP single-nuclide events.

The Material Tab on the Manual method for entering field measurements will automatically list the individual nuclide.

If you are using the pre-formatted file, use material = "ALL" for single nuclide events.