



Software Error Notification

Form 3.5.1

Revision: 2

Effective: 11/21/03

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Software Name: RADTRAD

Versions Affected: 3.03

Error Classification: Safety-Related Non Safety-Related

Description of Error:

When running RADTRAD with only Tellurium nuclides why is the concentration of iodine daughters so low?

Assessment of error:

This error has not been found to affect dose results because this only effects the source term compartment when it has no initial iodine.

Software Program Manager: Terry Heames January 4, 2005
Printed/Typed Name Signature Date

SW Point of Contact: Terry Heames January 4, 2005
Printed/Typed Name Signature Date

Corrective Action:

If a user has a source term compartment without initial iodine they should include a fraction of a Curie of iodine to initialize the iodine mass fractions. This will be corrected in the next update of 303 and has been corrected in version 310.

Verified Complete:
QA Manager

Software Program Manager: Terry Heames January 4, 2005
Printed/Typed Name Signature Date

SW Point of Contact: Terry Heames January 4, 2005
Printed/Typed Name Signature Date