ALION SCIENCE AND TECHNOLOGY	Software Error Notification			
	Form 3.5.1	Revision: 2	Effective: 11/21/03	Pg. 1 of 1

Error Notice Identification Number: __10_____ Page _1___ of __1___

Software Name:_____RADTRAD_____

Versions Affected: _____3.03_____

Error Classification: _X_ Safety-Related ___ Non Safety-Related

Description of Error:
When running RADTRAD with reduced time steps the code generates different inventories for some nuclides

Assessment of error:
This error has not been found to affect dose results because this only effects nuclides whose half lives are less then a few hours. It was felt that a 1 hour time step would be small enough to cover the problem

	Printed/Typed Name	Signature	Date
Software Program Manager:	Terry Heames	_____	November 8, 2004
SW Point of Contact:	Terry Heames	_____	November 8, 2004

Corrective Action:
If a user has significant concentrations of Te-129 or I-132, or other short lived nuclides, then the user should reduce the time step to 0.1 hr or less. This will be corrected in the next update of 303 and has been corrected in version 310

Verified Complete:_____
QA Manager

	Printed/Typed Name	Signature	Date
Software Program Manager:	Terry Heames	_____	December 14, 2004
SW Point of Contact:	Terry Heames	_____	December 14, 2004