Error Notice Identification Number: __09_____   Page _1___ of __1___

Software Name:____ _____RADTRAD_____

Versions Affected: _____3.03_____

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

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Description of Error:
Do you know of any previously reported error in RADTRAD associated with the use of all 10 Volumes? Two of us have separately run into problems when specifying a 10th volume in two separate models. It seems that when the 10th volume is specified, it somehow alters the source term associated with Volume #1.

Assessment of error:
This error may impact dose results when using 10 compartments

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Software Program Manager: ___Terry Heames___   _____   ___10/28/04____
                            Printed/Typed Name   Signature   Date

SW Point of Contact: ___Terry Heames_   _____   __10/28/04__ _
                        Printed/Typed Name   Signature   Date

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Corrective Action:
Option A: User should limit the number of compartments to 9.

Option B: Modify the Graphical User Interface logic to write the correct values. Because of the imminent release of version 3.10 a modification of version 3.03 is not considered reasonable.

Option C: Modify the input deck with an editor. Check those transport paths that connect to volume 10, and align the column for number 10 with value below it. In the case shown below, this involves deleting one of the blanks in front of the number "10" each time a case is run so that the "0" aligns with the "9" and the "2"

Pathway 15:
CR4 to CR5
 9
 10
 2

Verified Complete:_____
                     QA Manager

Software Program Manager: ___Terry Heames   _____   _October 28, 2004__
                            Printed/Typed Name   Signature   Date

SW Point of Contact: ___Terry Heames _   _____   October 28, 2004
                        Printed/Typed Name   Signature   Date