



RADCALC SOFTWARE ADVISORY

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Suspension of RADCALC 4.1

As described in the March 31st RADCALC Safety Advisory (*Issue No. DOE/OPT/SA-06 Rev.1*), the Office of Packaging and Transportation (OPT) has been working with the Boston Government Services, LLC (BGS) to incorporate new Department of Transportation (DOT) HM-250 regulations governing the classification/shipping of radioactive materials by the required implementation date of July 13, 2015.

OPT has been working diligently to incorporate DOT (HM-250) regulatory requirements; however, OPT anticipates some delay in releasing RADCALC 4.2. Therefore, effective July 13th, RADCALC 4.1 will not be in compliance with the new DOT (HM-250) regulations governing the classification/shipping of radioactive materials.

In addition, the pedigree for the qualification of RADCALC 4.1 cannot be verified to meet DOE Order 414.1D, *Quality Assurance*, requirements. Boston Government Services is in the process of being qualified as a supplier to OPT per the Quality Assurance Order and the American Society of Mechanical Engineers Quality Standard, NQA-1-2008/2009a. Once qualified, Boston Government Services will establish the quality pedigree in the next version of RADCALC. OPT recommends that each site have a clear path forward to minimize the impacts of this delay. The sites' should strongly consider implementing the following recommendations immediately:

- Stop using RADCALC 4.1 effective July 13, 2015
- Uninstall RADCALC 4.1 software from all registered users' computers.
- Identify staff properly qualified to perform complex transport calculations to meet the transport regulations
- Utilize a rigorous and documented peer review process to assure compliance with the transport regulations
- Allow sufficient lead time for preparing shipment(s) for offsite transportation

Additional notifications concerning the release of the NQA-1 qualified RADCALC 4.2 safety software will be communicated when available.

Need more information?

If you need additional information, please contact any of the following resources;

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