



APPLICABILITY OF RADIATION-RESPONSE MODELS TO LOW DOSE PROTECTION STANDARDS

AMERICAN NUCLEAR SOCIETY & HEALTH PHYSICS SOCIETY
JOINT TOPICAL – SEPTEMBER 30 - OCTOBER 3, 2018
TRI-CITIES, WASHINGTON

REVISED CONFERENCE DATE*

For more than thirty years, the scientific community has discussed and debated assumptions and models for low-dose radiation exposures. The American Nuclear Society and Health Physics Society are co-hosting a unique, focused conference on Applicability of Radiation Response Models to Low Dose Protection Standards. The **goal** is to utilize current scientific data accumulated throughout the history of nuclear technology to update the approach to regulating the response to low level radiation doses. Topics will include:

- **Scientific foundations for radiation protection standards and emergency action guidelines**
- **Molecular basis of radiation response at low dose**
- **Applicability of linear no-threshold dose-response models**
- **Public perceptions of radiation risk**
- **Implementation of radiation protection regulations**
- **Opportunities for beneficial changes to radiation protection regulations**

PLEASE NOTE

The present international approach to the regulation of low-level radiation is based on the Linear No-Threshold (LNT) model that suggests any amount of radiation, no matter how small, may have deleterious effects to the human body. Yet in recent decades, scientific evidence has been mounting suggesting either

- 1) there is no perceptible damage that can be *attributed* to radiation levels up to background values, **or**
- 2) there may even be beneficial results up to approximately this level.

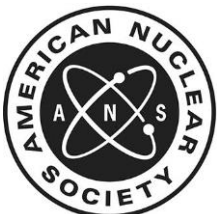
This is not just an ordinary technical meeting where distinguished professionals provide a paper that can be added to their dossier. Rather, it is a meeting with potentially profound results to our entire industry.

<http://www.lowdoserad.org>

For additional information please contact:

Dr. Alan Waltar, General Chair, at alan.waltar@gmail.com **or**

Dr. Darrell Fisher, Technical Program Co-Chair, at darrell.fisher@versantphysics.com



*SPECIAL NOTE: Our original meeting dates have been delayed one week to avoid a direct conflict with the Radiation Research Society Annual Conference, September 23-26, in Chicago. Radiation professionals are now urged to attend both meetings!

