

## Rulemaking1CEm Resource

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**From:** RulemakingComments Resource  
**Sent:** Wednesday, September 16, 2015 10:24 AM  
**To:** Rulemaking1CEm Resource  
**Subject:** FW: Linear No-Threshold Model and Standards for Protection Against Radiation DOCKET ID NRC-2015-0057

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**NRC DOCKET#:** NRC-2015-0057

**SECY DOCKET DATE:** 9/8/15

**TITLE:** Linear No-Threshold Model and Standards for Protection Against Radiation

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**From:** Wade Allison [mailto:Wade.Allison@physics.ox.ac.uk]  
**Sent:** Tuesday, September 08, 2015 5:45 PM  
**To:** RulemakingComments Resource <RulemakingComments.Resource@nrc.gov>  
**Subject:** [External\_Sender] Linear No-Threshold Model and Standards for Protection Against Radiation DOCKET ID NRC-2015-0057

I am a member of the SARI Group and I support the case made by the three petitions.

In addition to publications available and posted on the website, link given below, the subject is explored in depth in "Nuclear is for Life: A Cultural Revolution", a book to be published in the next couple of months. Speaking from outside the US I would like to make some important additional points.

The use of LNT and ALARA is not a domestic US matter. In the 1950s the world looked to the US for scientific leadership. In this case, the institutions of the US have been found wanting, not just by neglect but by deception, as exposed in the published work of Edward Calabrese. The reputation of the US and its scientific integrity is at stake: the US NRC should correct this error and put its house in order for the benefit of the world: its health, environment and socio-economic well-being.

The repudiation of LNT and ALARA would encourage the spread of public education and the realisation that 70 years of cultural fear of nuclear science have had little scientific justification and have restricted the availability of low-cost nuclear power. This is an essential option if mankind is to mitigate the likely effects of climate change.

It is appropriate for US NRC to initiate this change: it is much more difficult for anyone else to make the correction although we will continue to try.

Thank you for this opportunity to be heard

Signed

Wade Allison

Wade Allison, MA DPhil [wade.allison@physics.ox.ac.uk](mailto:wade.allison@physics.ox.ac.uk) **NOTE CHANGED EMAIL ADDRESS**

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"Radiation and Reason" <http://www.radiationandreason.com> (Oct 09) ISBN 9780956275615

In Japanese <http://goo.gl/9IL5u> (July 2011) ISBN 978-4198632182

In Chinese <http://www.cptw.com.tw/BookDetail.aspx?BOKNO=11252010>

"Fundamental Physics for Probing and Imaging" <http://www.oup.co.uk/isbn/0-19-920389-X> (Oct 06)

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