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Dose	RAIN	Health Effect	Examples	Zone
10,000 Sv	9.0	Immediate Death	Food irradiation limit for sterilization (10 kGy)**	Serious (RAIN > 5.5)
10 Sv	6.7		Radiation cancer therapy dose (local dose, 50 Gy*)	
10 Sv	6.0	50% death in 2 weeks, Skin transplant	In Chernobyl, 1 died, Central Nerv S	
5 Sv	5.7	High fever, 50% death in 2 months, bone marrow	In Chernobyl, 28 died among 130 workers	
3 Sv	5.5	Shiver, sterility, 5-10% can die	90% treatable	
2 Sv	5.3	Fever, diarrhea, hair loss, severe leukopenia	No death, Threshold of Gastrointestinal Syndrome	Alarm (4.7 < RAIN < 5.5)
1 Sv	5.0	Mild (headache, nausea and vomiting), Cataract	Threshold of headache, Threshold of Cataract	
500 mSv	4.7	No subjective symptoms, decrease of blood cells	Threshold of AIDS, Threshold of Hematopoietic Syndrome	
250 mSv	4.4	Threshold for blood cell change	Threshold for blood cell reduction	Vigilance (4.0 < RAIN < 4.7)
100 mSv	4.0	Threshold for long term effect	Threshold of additional cancer risk 0.5%	
10 mSv	3.0	No health effect	CT or PET scan	Breeze (2.4 < RAIN < 4.0)
2.4 mSv	2.4		World annual average of natural dose	
1 mSv	2.0		Dose limit for general public by ICRP	
0.3 mSv	1.5	No health effect	Self-dose by K-40	
0.1 mSv	1.0		Chest X-ray/round trip of long distance	
0.1 µSv	0.004		One banana/cup of coffee	Serene (RAIN < 2.4)



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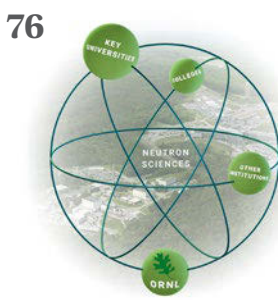
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Director of Publications John Fabian

Publisher/Editor-in-Chief Rick Michal

Staff Writers

Susan Gallier, Tim Gregoire, Dot Schneider

Contributors Michael McQueen, A. J. Smuskiewicz

Copy Editors David Strutz, Mary Tong

Editorial Specialist Lucas Geiger

Graphic Design Specialist Chris Salvato

Contributing Designers Jay Bogardus, Lisa Dagley

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Director of Advertising and Sponsorships Jeff Mosses

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Administrative

Executive Director/Chief Executive Officer
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ANS Headquarters

General Information

askanything@ans.org

708/352-6611 | Fax 708/579-8314 | ans.org

Nuclear News Advertising

708/579-8225 | 708/579-8226

ans.org/advertising/ | advertising@ans.org

Nuclear News Editorial

708/579-8216 | nucnews@ans.org | ans.org/nn

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