



New England
AARST Meeting

Radon Update

Indoor Environments Division

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Communications & Cross-Program Outreach

U. S. Environmental Protection Agency

Washington, D.C.

June 15th 2015

Overview

- Initiatives, Progress, Facts & Figures
 - FRAP to NRAP
 - IED Priorities
 - Standards
 - FY 2015 SIRG program
 - Office of Inspector General (OIG)
 - National Indicators of Progress
 - PART
 - Treasury/Internal Revenue - HCFSA

Overview

- Communications, Outreach & Tools
 - Radon PSA's (www.epapsa.com)
 - DRUPAL Website conversion
 - Gov Delivery email marketing system
 - RadonLeaders.org
 - Facebook, Twitter
 - Report on the Environment (ROE)
 - Healthy Buildings 2020

FRAP to NRAP

- AARST
- American Lung Association (ALA) [Janice Nolen]
- ASHI
- Cancer Survivors Against Radon (CanSAR)
- Childrens Environmental Health Network (CEHN)
- CRCPD
- Citizens for Radioactive Radon Reduction (CRRR)
- Environmental Law Institute (ELI)
- National Center for Healthy Housing (NCHH)
- FEDS: EPA, HHS, HUD

IED Priorities for FY 2015

- Continue investing in ANSI/AARST standards of practice
- Federal Radon Action Plan (FRAP) transition to the National Radon Action Plan (NRAP)
- State Cancer Coalitions/ Cancer Control Plans
- ICC codes changes for RRNC
- RRNC adoption by State/local building codes
- Continue collaborating with/investing in national partners [CRCPD, ALA, ELI, NCSL, KSU, WHO]
- Energy upgrade/retrofit programs/protocols

Standards

- Mitigation in Schools and Large Buildings (RMS-LB)
[addressing public comments and harmonizing]
- Mitigation in Multifamily (RMS-MF)
[addressing public comments and harmonizing]
- Measurement in Multifamily (MAMF)
[updating 2012 version]
- Mitigation in Single-Family Homes with Vapor Intrusion (VI) projects (RMS-SF)
[adding VI considerations, working with VI industry and government]

*EPA-OSWER Published its VI Guidance On-line June 11th
<http://www.epa.gov/oswer/vaporintrusion/>
- Quality Assurance for Devices (MS-QA)
[addressing public comments, expected to publish this year (formerly N42-51)]
- RRNC in Schools and Large Buildings
[new standard approved by ANSI; committee formed; working on first draft]



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FY 2015 SIRG Program

- Congress authorized \$8.051 Million
 - \$7,730,000 to 45 States
 - Non-participating States (NH, HI, MD, LA, AR)
 - \$321,000 to 9 Tribes in Regions 1, 5, 6 and 10
- AARST and partners instrumental in restoring SIRG funding

Office of Inspector General Report

- IED has certified the completion of all corrective actions specified in the report
- IED study of device accuracy determined they provide accurate and reliable results (2014)
 - Further evidence that short-term measurement devices are OK for making mitigation decisions
 - <http://www.epa.gov/radon/pubs/index.html>
 - Included in our FAQs on the IAQ website

National Indicators of Progress

- **Lives saved (LS): mitigation and home building**
[Calendar 2013 – Latest Data Available]
- **Homes mitigated** (fan driven systems)
 - 807 LS from 112,165 *mitigated* homes
 - 9,100 LS from 1,245,000 *mitigated* homes (1986-2013)
- **Homes built RRNC** (passive & active)
 - 15.4% Single-family units (2012 – 234 LS)
 - 24.3% Multi-family units



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Performance Assessment Rating Tool (PART)

[EOP - Office of Management and Budget (OMB)]

Table 1	Percent (%) Homes Mitigated	
	TARGET	ACTUAL
2003	6.9	6.9
2004	7.6	7.6
2005	8.4	8.4
2006	9.4	9.4
2007	10.3	10.3
2008	11.1	11.1
2009	11.5	11.7
2010	12.0	12.3
2011	12.5	12.9
2012	13.3	14.1
2013	13.9	15.0
2014	14.4	(Feb 2015)
2015	14.9	
2016	14.9	

Table 2	Percent (%) New Homes with MRS	
	TARGET	ACTUAL
2003	20.7	20.7
2004	15.7	15.7
2005	25.0	25.0
2006	27.4	27.4
2007	28.6	28.6
2008	30.0	31.0
2009	31.5	36.1
2010	33.0	40.1
2011	34.5	38.2
2012	36.0	44.6
2013	37.5	38.9
2014	39.0	(Dec 2015)
2015	40.5	
2016	40.5	

Treasury/ Internal Revenue
Health Care Flexible Spending Accounts
[Employer sponsored]

\$8,750,000,000

Access to HCFSA = 40% of civilian workers (no Feds)
Only 37% choose to participate
35 Million Americans have/ use them

CFR, Title 26, Chapter I, Subchapter A (Income Tax)
§1.213-1 Medical, dental, etc., expenses
[*eligibility of radon testing/mitigation expenses*]

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Thank you!

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