

165	Rep. Clarno	regarding air and air flow.Ý Asks Beaulieu if schools should be built with cement or concrete.Ý
170	Beaulieu	Responds that he would like for the Health Division to answer.
180	Sen. Courtney	Comments on the 13 counties that are at risk.
189	Beaulieu	Clarifies that 10% of tested houses are at risk.
205	Sen. Starr	Comments on evacuation at high levels and what are the statistics.
209	Beaulieu	Responds that he does not know the statistics but the Health Division does.
211	Sen. Carter	Comments on the West Salem and Portland School Districts.
220	Beaulieu	Explains the higher uranium in sand materials and says that Oregon is a moderate to low radon state.
255	Sen. Ferrioli	Asks about the new information on indoor air quality.Ý
260	Beaulieu	Responds that this is true and explains reduction of radon with proper ventilation.
289	Sen. Ferrioli	Comments that the problem solving can be made by physical plant.
293	Beaulieu	Agrees that building construction is far greater than radon and building management is the most important.
318	Sen. Hartung	Comments on seismic refitting of schools.
337	Thomas Johnson	Administrator, Oregon Health Division.Ý Submits and presents written testimony (EXHIBIT C).Ý Gives overview of radon.Ý Describes the measurements for concern inside of a building and evacuation levels.
TAPE 2, A		
003	Sen. Courtney	Asks about standards and administrative rules or laws for construction of new homes and buildings.
005	Johnson	ÝRefers the question to the Building Code Division.
010	Sen. Courtney	Asks about animal reactions to radon.
020	Johnson	Responds that he does not know.
067	Terry Lindsey	Manager, Radioactive Materials Licensing Program.Ý Submits and presents written reports (EXHIBIT D) on state radon levels. Suggests testing on a regular basis.Ý Explains the EPA University Programs for contractor training.Ý
040	Co-Chair Carter	Asks if Oregon follows protocol.
044	Lindsey	Responds yes.Ý Explains the EPA testing that is done.Ý
050	Peggy Collins	State Building Official.Ý Explains building codes for construction of new buildings and explains that these standards are not in place for existing buildings.Ý States that in the late 1980's there was more emphasis placed on radon standards and again updated in 1996.
070	Co-Chair Carter	Asks if all buildings are in compliance.
072	Collins	Responds no; not buildings built after the requirements were set.
077	Co-Chair Carter	Asks what the state's role is for seeing everyone is in compliance
078	Collins	Responds that there is no role for doing this except

079	Co-Chair Carter	through education.
083	Collins	Asks who is responsible for the older buildings.
221	Johnson	Responds the owner of the building.
223	Co-Chair Carter	Adds, through education and information.
230	Johnson	Comments on assuring parents of compliance.
250	Collins	Responds by PTA meetings and discussions.
267	Lynn Penwell	Explains that construction will be regulated but not older ones.
323	Jackie Wallace	Parent, Coalition to Keep Whitaker Safe.Ý Presents testimony and explains the safety of their children and the need for requirements.
TAPE 1, B		
002	Sen. Gordly	Parent, Coalition to Keep Whitaker Safe.Ý Presents testimony and explains the risk to children in schools.
020	Wallace	Comments on Co-Chair Carter's leadership of this committee.Ý Asks Wallace for her report. Asks about the options given to her by the school.
030	Sen. Gordly	Responds that they were not given options except to remove the child from the school.Ý
040	Wallace	Asks if her child is now at Whitaker.
050	Sen. Gordly	Responds, no. Continues with presentation and requirements she would like.
059	Penwell	Comments on the cancellation of summer school at Whitaker School and asks if her child will attend Gregory Heights for summer school.
076	Sen. Courtney	Replies that her son is in special education and she will not send him back to any Portland Public Middle School.
079	Penwell	Asks when Penwell first learned about radon.
088	Sen. Courtney	Responds, from her Father in the 1990's and explains that they had their house tested in 1993.Ý
090	Penwell	Asks Penwell when her concern began with the school.
093	Sen. Courtney	Responds, with the article in the paper on May 23 rd .
097	Wallace	Asks the same of Wallace.
100	Chair Carter	Responds, May 2001.
130	Wallace	ÝAsks Wallace about her security level after listening to the state geologist.
139	Jim Scherzinger	Responds that she does not feel secure because she doesn't know the amounts of exposure.
148	Co-Chair Carter	Chief Financial Officer, Portland School District.
150	Scherzinger	Submits and presents written testimony and various reports (EXHIBIT E).Ý Explains the discussions held after levels of radon were taken and the closure of the schools.
160	Sen. Courtney	Asks about steps taken and community concerns.
166	Scherzinger	Explains his feelings on the closing of the schools and the steps that were taken.Ý Explains Whitaker School's complex ventilation problems.
240	Sen. Gordly	Asks if he has heard about radon in public schools.
		Responds that he had not before the newspaper articles.Ý
		Asks if indoor air quality testing had been done and

		what were the results. Asks about the community's concern with these particular problems in Whitaker; soil, atrium, air circulation wells, tunnel system, a mildew spot in G-107 and a bad roof leak in the ceiling.
250	Scherzinger	Refers the question to Pamela Brown.
290	Pamela Brown	Director of Facilities. Explains the times that testing was performed, explains that in 1991 there was short-term testing and long term testing in 1992 consistent with standards. Refers to exhibit reports. Explains that the atrium was not tested until this year, the wells have not been tested or ordered to be tested, the atrium soil has not been tested, the air test result was 0.3, the tunnel system has a report from 1997 where it was tested at .2 when fans were off and 6-8 when fans were on. Explains that the mildew spot has not been tested, the area around the roof leak has not been tested, and the latest indoor air was 950 in February.
350	Sen. Gordly	Comments on complaints about asthma and headaches, etc. and asks if they have checked the clinic's records.
425	Brown	Responds that they have not.
440	Scherzsinger	Explains the five-step plan he has planned for the summer and the committee he has formed.
TAPE 2, B		
003	Sen. Gordly	Comments on parental involved on the committee.
005	Tom Picket	Incoming Principal, Whitaker. Responds that the committee will have three parents. Explains that there is a public forum planned with committee members, staff, ESL teachers and a parent from the Latino committee.
032	Sen. Starr	Comments on roof leaks not being harmful.
040	Co-Chair Carter	Asks Scherzinger how parents with children out of school can be helped.
050	Scherzinger	Responds that this was the biggest concern he had when deciding to close the schools.
060	Co-Chair Carter	Comments on the state being responsible for this issue.
067	Sen. Clarno	Offers her assistance this summer to this issue.
080	Sen. Ferrioli	Echoes comments of Sen. Carter.
191	<![if ! supportEmptyParas] > <![endif]> Richard Garrett	Portland Association of Teachers. Submits and presents written testimony (EXHIBIT F). Explains the situation at Whitaker School and the problems he had with administrators and district officials with the seriousness of the radon problem. Comments on OSHA's lack of responsibility and their suggestion to refer this issue to another agency.
230	Sen. Minnis	Asks about a conflict of interest.
250	Garrett	Responds that employees and representatives are entitled to have OHSA enforce standards.
267	Sen. Minnis	Questions the responsible entity for this issue.
276	Co-Chair Carter	Comments on OSHA's work on behalf of all employees.
285	Garrett	Explains OSHA's referral to the Oregon Health

343	Carol Ingersol Palumbo	Division.Ý Teacher, Gregory Heights Middle School.Ý Explains that it was 5/23 when she heard about the school closure and explains that her first knowledge of radon was in the 1990's.Ý Describes her increased asthma.Ý Describes radon testing performed in limited areas only and explains that the Safety Committee had no knowledge of the final report.
TAPE 3, A		
003	Sen. Gordley	Asks Palumbo if the report was requested.
050	Palumbo	Responds yes but did not receive.Ý Explains summer school sites in the Gregory Heights facility.Ý
067	Co-Chair Carter	Asks Lindsey what the results would be if radon were mixed with other gases.
080	Co-Chair Carter	Reiterates that Scherzinger is director of finance and is not that knowledgeable with this scientific subject.
100	Lindsey	Explains that lung cancer is the only known result from radon and that radon does not interact with anything and that carbon dioxide is an indicator of an air ventilation quality.
123	Sen. Minnis	Asks Lindsey what entity is responsible and is anyone addressing these concerns.
158	Lindsey	Responds that EPA protocols are being followed.
166	Sen. Minnis	Reads statute and comments on the responsible entity.
181	Patricia Sullivan	Public Relations, Portland Public Schools.Ý Explains her past work with OSHA and explains the federal program.Ý Explains that OSHA has jurisdiction over all safety and health issues of employees.
199	Johnson	Explains that they do not have programs for radon and are not responsible for programs they do not have.
200	Sen. Minnis	Comments on OSHA being involved in this meeting today and their responsibility.
249	Co-Chair Carter	Concurs.
<![if !	Johnson	Explains that they provide public information for anyone who requests it.
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256	Co-Chair Carter	AsksÝ Lindsey why Garretís letter was not answered
260	Lindsey	Responds that he was not directly requested to answer and he apologizes if he missed a call.
270	Sullivan	Suggests that OSHA be here.Ý
281	Co-Chair Carter	Comments on Palumboís testimony and Portland Public Schools should not be answering to this problem alone and suggests that someone is dropping the ball.Ý Believes OSHA and Department of Consumer and Business Services be involved and this is a complicated problem.Ý Believes this issue requires a longer period of time to resolve and should be investigated further.
323`	Sen. Courtney	Comments on the age of public school buildings and the problems that could arise.
343	Sen. Minnis	Comments on the committee and the meetings involved.
<![if !	Co-Chair Carter	Suggests asking for another meeting.

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374 Suzanne Larson Parent. Presents testimony. Explains her daughter's experience while attending Whitaker School with her taxed immune system.

TAPE 4, A

003 Larson Reads from testimony.
005 Susan Walenza Teacher, Whitaker School. Submits and presents written testimony (**EXHIBIT G**). Explains the tests that were done the high radon level results and how Willamette Week received a record of her testing. Speaks to the importance of ventilation.

078 Sen. Minnis Asks Scherzinger about functioning of workplace testing.

080 Scherzinger Responds that he was not aware of this.
090 Sen. Minnis Comments on hazardous substance statutes and is unsure if they apply.

099 Ann Schneider Counselor, Whitaker School. Submits and presents written testimony (**EXHIBIT H**) and explains illnesses she had while working in her office in the school over the years. Comments on testing at Whitaker and that her tests showed levels of 19.

148 Sen. Minnis Asks if anyone filed a complaint.
<![if !supportEmptyParas] Schneider Believes that other school district employees wanted to be present today but had to attend work.

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167 Suzanne Larson Parent of Whitaker School student. Presents testimony explaining her child's health symptoms and time absent from school due to illness.

229 Sen. Minnis Requests other meetings with knowledgeable agencies.

242 Sen. Gordly Thanks parents for their testimony.

266 Co-Chair Carter Assures parents that this will not be the last meeting on the radon subject and adjourns committee at 11:20 a.m.

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Paula Merritt, YYYYYY Jan McComb

Committee Assistant YYYYYY Committee Administrator

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EXHIBIT SUMMARY

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- A - Public Testimony, written testimony, Sen. Margaret Carter, 5 pp.**
- B - Invited Testimony, written testimony and various reports, Dr. John Beaulieu, 14 pp.**
- C - Invited Testimony, written testimony, Thomas Johnson, 2 pp.**
- D - Invited Testimony, written testimony, Terry Lindsey, 2 pp.**
- E - Invited Testimony, written testimony and various reports, Jim Scherzinger, 22 pp.**

F - Invited Testimony, written testimony, Richard Garrett, 4 pp.

G - Public Testimony, written testimony, Susan Walenza, 1 page

H - Public Testimony, written testimony, Ann Schneider, 2 pp.