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FROM: Dr. Christopher M. Teaf
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TO: James Stephens
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SUBJECT: FSU Williams Building - Radon Evaluation

The Williams Building (Williams) at Florida State University (FSU) has been evaluated for radon content due to ongoing indoor air quality questions regarding several buildings on the FSU campus. Between February 11 and February 14, 2022, radon measurements were collected at 28 locations from the ground level (ground floor/basement), as well as the 1st through 4th floors of Williams. The 48-hour charcoal canister measurements (charcoal) were collected by a state-certified radon contractor, in accordance with standard protocols of the United States Environmental Protection Agency (USEPA) and the Florida Department of Health (FDOH). None of the radon values at any location were greater than the 4 picoCurie/liter (pCi/L) USEPA Action Level (range 0.3 to 1.8 pCi/L). All results for the February 2022 sampling event are summarized in the attached table.

Detectable radon levels are ubiquitous throughout the state, with most areas of Florida exhibiting low radon. Outdoor levels typically are in the 0.4 to 0.5 pCi/L range, and indoor levels regularly range from 1 to 2 pCi/L. Radon comes from decay of natural radium, and elevated indoor radon is related to local geology. Radon often is present in clays, phosphate rock, and igneous rocks, like granite, and can originate from bedrock far below land surface. Because it is a naturally occurring substance, exposure is common and unavoidable.

The data summarized herein reflect a condition that is consistent with many buildings in Florida and throughout the United States, and the conditions in the Williams Building do not represent a health concern. Further investigation regarding radon is not recommended at this time.

RADON MEASUREMENTS - Williams Building, Florida State University

Building Location	Sampling Dates	Number of Samples	Min pCi/L	Max pCi/L	Notes
Ground Floor /Basement	11 to 14 Feb 2022	5	0.3	1.8	No results > 4 pCi/L
First Floor	11 to 14 Feb 2022	8	0.3	1.1	No results > 4 pCi/L
Second Floor	11 to 14 Feb 2022	4	0.3	0.5	No results > 4 pCi/L
Third Floor	11 to 14 Feb 2022	3	0.3	0.5	No results > 4 pCi/L
Fourth Floor	11 to 14 Feb 2022	8	0.3	1.0	No results > 4 pCi/L

pCi/L = picocuries per liter