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SUBJECT: FSU Ringling Center for Cultural Arts - Radon Evaluation

The Ringling Center for Cultural Arts (Ringling) buildings of Florida State University (FSU) in Sarasota have been evaluated for radon content due to indoor air quality questions that have been raised regarding other buildings on the FSU main campus in Tallahassee. From December 4 to 6, 2023, radon measurements were collected at 98 locations from 13 buildings at Ringling. The 48-hour charcoal canister measurements 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). All of the radon values in all of the buildings were less than the 4 picoCurie/liter (pCi/L) USEPA Action Level (ranging from below detectable levels at <0.3 pCi/L to 2.6 pCi/L). Results for the December 2023 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 radon conditions at the Ringling buildings do not represent a health concern. Further investigation regarding radon is not recommended at this time.

RADON MEASUREMENTS - Ringling Center for Cultural Arts, Florida State University

Location	Sampling Dates	Number of Samples	Min <i>pCi/L</i>	Max <i>pCi/L</i>	Notes
Ground Contact Floors	04 to 06 Dec 2023	98 samples in 13 buildings	<0.3	2.6	No results > 4 pCi/L Action Level

pCi/L = picocuries per liter

Buildings Evaluated

Center for Performing Arts
 Ringling Art Museum
 Cadzan House
 Circus Museum
 Caretaker Residence
 North Gatehouse
 West Wing Building
 Plant Utilities
 Visitor Pavilion
 Tibbals learning Center
 Johnson-Blalock Center
 Facilities Admin Building
 Asian Art Tea House