

Amendment to the 2007-09 Budget Priorities for Capital Improvements

At its November 2006 meeting, the Board of Governors approved its *2007-09 Budget Priorities* for capital improvements. It is now recommended that the priorities be amended to include a request for an appropriation from the General Fund to provide fire protection sprinklers to residence halls of the University.

In a May 31, 1996 memo, President Spangler reported to the Board of Governors that of the 274 residential buildings surveyed, 55 did not have a central fire alarm system and only 33 had sprinkler systems. At the June 14, 1996 Board of Governors meeting, President Spangler outlined steps being taken to improve fire safety. He stated that all new residence halls, when built, would include alarm systems and sprinklers. While there is no UNC policy requiring that the pre-1996 residence halls be retrofitted with fire sprinklers by a certain date, UNC-GA's direction to campuses has been that fire sprinklers would be added to a residence hall when it undergoes a major renovation.

A recent survey was taken to determine the current status of fire alarms and sprinkler systems on the University's campuses. The survey indicated all residence halls now have smoke detectors and that 98% of those smoke detectors report to a central monitoring system. All residence halls constructed by the campuses since 1996 have smoke detectors reporting to a central system and all have fire sprinkler systems. Of UNC's total residence halls, 64.7% now have sprinkler systems, up from 11% in 1996.

In December, 2006, Chancellors were asked to develop a plan to install fire sprinklers in all unsprinklered residence halls by the beginning of the Fall Semester 2010. In developing the plan, they were asked to assume that funding sources for the work would be a combination of housing receipts and, if needed, the General Fund. The use of funds from the Reserve for

Repairs and Renovations for this purpose would not be anticipated. The estimated budget for providing fire sprinklers was set at \$9 per square foot, an amount validated by the State Construction Office. Due to the need for additional renovations at the time sprinklers would be installed, and because of the need to either take residence halls off line and/or stage construction work over the summer months, many campuses, when they submitted their plans, indicated total needs beyond the \$9 per square foot amount and a schedule that would extend beyond the Fall 2010 goal.

Attachment 1 shows the current status of residence halls by campus, the history of changes since 1996, the estimated cost to complete the installation of sprinklers using \$9 per square foot, the total cost of the campuses' plans to do other renovations while installing sprinklers, and recommended allocations if the General Assembly would appropriate funds to supplement campus resources to provide fire sprinklers.

It is recommended that the *2007-09 Budget Priorities* for capital improvements be amended to include a request of \$48,261,807 as an appropriation from the General Fund to complete the installation of fire sprinklers in residence halls of the University. State funds will allow campuses to revise their plans and expedite the installation of sprinklers with a goal to complete the effort by Fall 2012. Renovations in addition to adding fire sprinklers would be done from housing funds or other non-General Fund sources.

Budget Request -- Funds to Install Sprinklers in Residence Halls

A	B	C	D	E	F	G	H	I	J	K
Campus	# of Bldgs	Total Beds	Total Residential GSF	% of Residential GSF With Sprinklers in 1996	% of 1996 Residential GSF With Sprinklers in 2006	Residential GSF Without Sprinklers in 2007	% of Residential GSF Without Sprinklers in 2007	Estimated Cost @ \$9/sq. ft.	2007 Construction Costs - Campus Plans TOTAL	Recommended Allocation
ASU	21	5,744	1,246,839	15.70%	44.30%	587,502	47.1%	5,287,518	5,562,000	5,287,518
ECSU	15	1,728	448,306	26.40%	77.80%	83,118	18.5%	748,062	1,439,183	748,062
ECU	16	5,294	1,171,945	0.00%	13.60%	878,185	74.9%	7,903,665	10,779,000	7,903,665
FSU	10	1,483	344,541	0.00%	77.00%	55,917	16.2%	503,253	503,253	503,253
NCA&T	10	2,296	455,112	0.00%	52.20%	156,382	34.4%	1,407,438	15,435,000	1,407,438
NCCU	9	2,394	661,601	0.00%	64.30%	98,844	14.9%	889,596	1,042,000	889,596
NCSA	15	742	161,806	0.00%	19.00%	109,492	67.7%	985,428	2,077,300	985,428
NCSSM	6	619	259,778	0.00%	65.10%	90,725	34.9%	816,525	925,000	816,525
NCSU	63	9,403	2,349,439	8.70%	85.50%	363,973	15.5%	3,275,757	9,315,800	3,275,757
UNCA	9	1,141	303,878	19.90%	86.50%	26,370	8.7%	237,330	237,330	237,330
UNCC	18	4,973	1,148,581	14.40%	14.40%	722,633	62.9%	6,503,697	16,146,169	6,503,697
UNC-CH	40	8,686	2,930,746	1.70%	35.10%	1,047,103	35.7%	9,423,927	14,729,072	9,423,927
UNCG	24	4,287	1,128,793	13.40%	24.50%	662,753	58.7%	5,964,777	4,069,629	5,964,777
UNCP	11	1,369	327,701	0.00%	57.60%	58,284	17.8%	524,556	250,000	524,556
UNCW	28	2,946	734,876	0.00%	37.60%	260,774	35.5%	2,346,966	10,500,000	2,346,966
WCU	14	3,816	958,487	51.30%	77.40%	160,288	16.7%	1,442,592	1,442,592	1,442,592
WSSU	8	2,133	541,116	37.60%	100.00%	-	0.0%	-	-	-
All UNC	317	59,054	15,173,545	10.80%	49.70%	5,362,343	35.3%	48,261,087	94,453,328	48,261,087
NOTES:										
Columns E and F show progress made by campuses during the period 1996 to 2006 for buildings not sprinklered in 1996.										
Columns G and H show square footage and % not sprinklered in 2007.										
Column I is UNC-GA's estimated cost, validated by the State Construction Office.										
Column J is the total cost of plans submitted by the campuses and includes funds needed in addition to the cost of installing sprinklers.										
Costs include asbestos removal, providing air conditioning and elevators, and changes to better utilize space and meet students' needs.										