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**Record Group/Collection:** George H.W. Bush Presidential Records  
**Collection/Office of Origin:** Speechwriting, White House Office of  
**Series:** Speech File Draft Files  
**Subseries:** Chron File, 1989-1993

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**OA/ID Number:** 13518  
**Folder ID Number:** 13518-012

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**Folder Title:**  
University of Tennessee Speech 2/2/90 [OA 4391] [2]

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Stack:	Row:	Section:	Shelf:	Position:
<b>G</b>	<b>25</b>	<b>6</b>	<b>7</b>	<b>3</b>

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# WHITE HOUSE STAFFING MEMORANDUM

DATE: 01/31/90 ACTION/CONCURRENCE/COMMENT DUE BY: NOON 02/01/90

SUBJECT: PRESIDENTIAL REMARKS: UNIVERSITY OF TENNESSEE, KNOXVILLE  
(01/31 draft three)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<del>MCCLURE</del>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NEWMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BATES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNTERMAYER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ROGERS</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>PINKERTON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>BROMLEY</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ALBRECHT</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>WINSTON</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	<u>ANDERSON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by NOON on Thursday, 02/01, with a copy to my office. Thanks.

RESPONSE:

*Please see suggestions below.*

*2/1/90 11:30 am 08:21 JAN 1 90*

**James W. Cicconi**  
Assistant to the President  
and Deputy to the Chief of Staff  
Ext. 2702

McNally/Simon  
January 31, 1990  
Draft Three (B:TENN)

PRESIDENTIAL REMARKS 1990 UNIVERSITY OF TENNESSEE, KNOXVILLE  
ALUMNI GYMNASIUM  
FRIDAY, FEB. 2, 1990, 3:05 P.M.

[[ACKNOWLEDGMENTS]] *Reps. Jimmy Duncan, Don Sundquist, Marilyn Lloyd,  
Jimmy Quillen and Jim Cooper.*

Sorry we were a little late getting in. But you now how it  
is on this campus. **Even I can't find a parking place.** \\\

It's great to be back in Tennessee. I'm very proud of this  
state, and this University. And I hear some of you noticed the  
T-shirt I had on while jogging down in Texas in December -- the  
**"Big Orange" colors of the Tennessee Volunteers.** \\\

Back in Washington they debated which move took more guts --  
invading Panama, or going to **Texas wearing a Big Orange T-shirt.**

I got the shirt in Washington when Pat Summitt came to the  
Rose Garden last April with Tennessee's Lady Volunteers -- **the  
1989 NCAA National Champions**. \\\

And when they came to Washington the Lady Vols had only one  
request. Not to see the Oval Office. Not to see the Wright  
brothers plane. Not even Georgetown at night. **What they wanted  
to see was Millie's new puppies.** \\\

Of course we said yes. But now it's my turn. And as long  
as I'm at U.T., it seems I ought to get to meet **"SMOKEY"**. \\\

I am proud of Tennessee, and your great sports traditions.  
But the truth is, what makes this university so special says a  
lot about what makes America so special. It's not the winner's  
trophy at the end of the quest. It's the quest itself. And in  
Tennessee, as in America, that means the quest for excellence.

*NEED TO  
Acknowledge  
Have  
members* →

At U.T., the quest for excellence starts not on the basketball court or the football field but in the classroom. Maybe you heard that at the White House, I bragged as much about the Lady Vols' 14 years with a 100 percent graduation rate as I did about their basketball championship.

Earlier this week, I issued my first formal budget as President, a blueprint for the year ahead. And two days ago, I stood in the U.S. Capitol -- stood before the American people -- and reported to you on the State of the Union.

[[But don't worry if you missed the speech -- you're not going to hear the two words that strike terror in <sup>the hearts of</sup> ~~any~~ college <sup>students</sup> ~~classroom~~: \\ "Pop quiz!" \\\]]

At the heart of my address was a sense of confidence that America today is second to none -- and sense of commitment, a plan to keep America second to none in the years ahead.

The foundation for our plan -- the foundation for our future -- is anchored by a cornerstone we call "Educational Excellence."

Education is our most enduring legacy, vital to everything we are and can become. And my budget calls for record funding, reflecting this belief. But as I said Wednesday night, real improvement in our schools is not simply a matter of spending more. **It is a matter of asking more -- expecting more -- of our schools, our teachers, our kids -- and of ourselves.**

You in Tennessee know that goals and high expectations work. Five years ago, Governor Alexander told Tennessee's eighth graders: "If you want to go to state universities -- you're

going to have to take more math and science."

There was a good deal of grumbling at first. But today, almost all freshman are meeting those requirements.

As a result, admission scores are up. Retention rates are up. And best of all -- 41 percent more students are taking science and math in the high schools than were taking those subjects five years ago. You expected more. So you got more.

I believe what worked for Tennessee will work for America. And Wednesday night, I announced America's education goals -- goals developed with the Governors of all fifty states.

Part of the answer means getting back to basics. Recently one kid was asked if he knew what the "Three R's" were. He said, "Sure: Reading. 'Riting. And Remote Control." \\\

Well, just as we're re-doubling our efforts to boost education, so we've doubled the "Three R's" as well. We have six goals -- "Six R's" for education in the Nineties.

The first is Readiness. By the Year 2000, every child in America will start school ready to learn. And we've called for a record increase -- an extra half-billion dollars to ensure a fair start -- through project Head Start. \\\

Our next goal might be called "Search and Rescue." We will target America's most at-risk youth, and get them the help they need -- the help they deserve. Our 10-year goal -- to raise America's high school graduation rate to at least 90 percent.

Third, it's time to Re-establish standards. By the new century, American students will leave grades 4, 8, and 12 having

Possible  
alternative:  
add sentence  
Make schools  
a REFUGE for  
learning.

4

demonstrated competency over the world in which they live -- the world of math, English, science, history and geography.

And we're calling for a new Renaissance in science and math, to make America's students first in the world by the Year 2000.

Next -- Reading. A competitive America must be a literate America, where every man and woman possesses the knowledge and skills necessary to succeed in a global economy.

Last -- and most fundamental -- in every school in America, we've got to create an environment conducive to learning. That means disciplined schools. That REWARDING means drug-free schools. \\  
*Refugee  
haven*

The solution to chaos in our classrooms is no mystery. Franklin had a word for it. Not Ben Franklin -- Aretha Franklin. She calls it: "R-E-S-P-E-C-T." \\\ Kids need respect for teachers. Respect for learning. Respect for themselves. \\  
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All six goals are important. And Lamar, I was thrilled to learn that Tennessee -- a major research university and a pillar of the science-rich, Oak Ridge Corridor -- has already taken the lead in responding to our challenge to use science and technology to boost America's competitiveness. Your new Summer School for Math and Science -- and its academy for America's top elementary and high school teachers -- is sure to make a difference.

Unbelievably, it was all put together in a week. And the speed of Tennessee's response proves what we've been saying since I first sent my Educational Excellence package to Congress last spring. The time for study is past. The time for action is now.

Building America's competitive strength today also means

that we need quick Congressional action on our other proposals for investing in new capital -- intellectual capital. That includes everything from reforming product liability laws to doubling the budget of the National Science Foundation.

It means a record-high increase in funds for Research and Development -- R & D. New help for R & E -- Research and Experimentation -- by making the R & E Tax Credit permanent. And funds to improve math and science education: The Eisenhower Education Grants <sup>for research in the sciences?</sup> would nearly double to \$230 million.

In science and technology, the United States is today the undisputed heavyweight champion of the world. We produce more scholarly works, more breakthroughs, more international prizes.

But like any champion, we cannot rest on our reputation. More than 30 years ago, Dwight Eisenhower used his State of the Union speech to address a similar challenge. "Our real problem," said Ike, "is not our strength today. It is rather the vital necessity of action today to ensure our strength tomorrow."

Today, I am taking action by announcing the formation of the President's Council of Advisors on Science and Technology. Comprised of some of the best scientific minds in the country, we will meet tomorrow at Camp David to discuss ways to maintain U.S. supremacy in these fields.

One way to do that is by challenging the impossible. And that brings to mind another challenge that will probably mean more to strengthening our educational system and competitive edge than any other single endeavor. I'm talking about space. For in

the coming century, first in space will mean first on Earth. And America intends to stay Number One. \\\

Tennessee has already made important contributions to the space program. Rhea Seddon, one of America's first women astronauts, is a graduate of U.T.'s College of Medicine. And researchers at U.T.'s Space Institute in Tullahoma are working with NASA to develop advanced space propulsion systems for the next generation of manned and unmanned missions.

In the new century -- your century -- those new systems may help take Americans back to the Moon and beyond. Our goal: To place Americans on Mars -- and to do it within the working lifetimes of scientists and engineers who will be recruited for the effort today. And just as Jefferson sent Lewis and Clark to open the continent, our commitment to the Moon/Mars initiative will open the Universe. It's the opportunity of a lifetime -- and offers a lifetime of opportunity. \\\

Yet, some wonder if America has lost its competitive edge, and ask if we must now look overseas for the answer. They point to last week's launch in Japan -- a new satellite sent to orbit the Moon. They forget that 26 years ago today -- long before many of you were born -- America's Ranger 6 landed on the Moon.

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Tennessee way, the American way.

You can play smart. But there are no shortcuts. It takes hard work and grit. It demands the constant renewal of new talent and new ideas -- always tempered by veteran coaching. And it means sweating harder, reaching higher, and seeing farther than the other guy.

It's never easy, keeping that No. 1 ranking. Pat Summitt said it in 1984, just before bringing the U.S. women's basketball team to another Olympic Gold medal. She said: "We're expected to win now. That's a greater challenge than when you're expected to finish second."

Pat's right. We are going to need as never before the "can-do" attitude that brought our ancestors to America -- and that brought America to greatness. When they asked your own Sgt. York how he captured 132 enemy prisoners and 32 machine guns all by himself, he answered: "I surrounded 'em." \\\

That's what I'd expect from a Tennessean. And that kind of spirit is going to carry us into the 21st Century and beyond.

And as we approach the challenges of tomorrow, in a world increasingly hungry for yesterday's values, I hope you'll continue to give voice to Tennessee's frontier virtues: Hard work. Loyalty. Love of faith, family and the Volunteer state.

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in WW II?

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Thank you for your warm greeting. God bless you. God bless  
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# # #

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Bob Simon

McNally/Simon  
January 31, 1990  
Draft Three (B:TENN)

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# # #

THE WHITE HOUSE  
WASHINGTON



Date: 1-30-90

TO: Chriss Winston

FROM: **JUSTINE D'ANDREA** *JDA*  
**Associate Director**  
**Office of Cabinet Affairs**

We received the attached from Erich Bloch regarding the President's visit to Knoxville on Friday.

If you need any information, the contact at NSF is Dr. Robert Watson.

NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D. C. 20550



January 29, 1990

OFFICE OF THE  
DIRECTOR

Mr. Ken Yale  
Executive Secretary  
Domestic Policy  
The White House  
Washington, DC 20500

Dear Mr. Yale:

It is my understanding that the President will be speaking in Knoxville, Tennessee, on Friday, February 1, 1990, about his planned initiatives in science and mathematics education.

Fortunately, a major National Science Foundation (NSF)-sponsored conference focusing on that same topic will convene there as well on that day.

Over 100 senior administrators from the major universities in the Southeast United States will be hosted by the University of Tennessee at Knoxville, which is headed by Lamar Alexander. We understand that arrangements are being made for the conferees to attend the President's speech.

This juxtaposed conference provides an excellent opportunity for the President to document in his speech the seriousness and immediacy of his plans to strengthen United States science, mathematics, and engineering education at all levels; and to show that Knoxville and the Southeast are already significant participants in this great effort. It should also be especially gratifying to these regional leaders in higher education to learn that the President is aware of and appreciates the importance of their contribution.

NSF is sponsoring several such conferences on undergraduate and precollege education. Thus reference to the Knoxville conference can be made in a national as well as regional context.

The NSF staff contact regarding the conference is Dr. Robert F. Watson, who can be reached at (202)-357-9644, home (301) 926-4270.

Sincerely,

A handwritten signature in dark ink, appearing to read "Erich Bloch".

Erich Bloch  
Director

**WHITE HOUSE STAFFING MEMORANDUM**

DATE: 01/31/90

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SUBJECT: PRESIDENTIAL REMARKS: UNIVERSITY OF TENNESSEE, KNOXVILLE  
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REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by NOON on Thursday, 02/01, with a copy to my office. Thanks.

RESPONSE:

*See comments*

91 : 21 1 JAN 03

James W. Cicconi  
 Assistant to the President  
 and Deputy to the Chief of Staff  
 Ext. 2702

McNally/Simon  
January 31, 1990  
Draft Three (B:TENN)

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the coming century, first in space will mean first on Earth. And America intends to stay Number One. \\\

Tennessee has already made important contributions to the space program. Rhea Seddon, one of America's first women astronauts, is a graduate of U.T.'s College of Medicine. And researchers at U.T.'s Space Institute in Tullahoma are working with NASA to develop advanced space propulsion systems for the next generation of manned and unmanned missions.

In the new century -- your century -- those new systems may help take Americans back to the Moon and beyond. Our goal: ~~To place Americans on Mars -- and to do it within the working lifetimes of scientists and engineers who will be recruited for the effort today.~~ And just as Jefferson sent Lewis and Clark to open the continent, our commitment to the Moon/Mars initiative will open the Universe. It's the opportunity of a lifetime -- and offers a lifetime of opportunity. \\\

*Very important change  
The National Space Council considered and rejects setting a time frame for a manned landing on Mars.  
Stacy  
x4844*

Yet, some wonder if America has lost its competitive edge, and ask if we must now look overseas for the answer. They point to last week's launch in Japan -- a new satellite sent to orbit the Moon. They forget that 26 years ago today -- long before many of you were born -- America's Ranger 6 landed on the Moon.

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You can play smart. But there are no shortcuts. It takes hard work and grit. It demands the constant renewal of new talent and new ideas -- always tempered by veteran coaching. And it means sweating harder, reaching higher, and seeing farther than the other guy.

It's never easy, keeping that No. 1 ranking. Pat Summitt said it in 1984, just before bringing the U.S. women's basketball team to another Olympic Gold medal. She said: "We're expected to win now. That's a greater challenge than when you're expected to finish second."

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And as we approach the challenges of tomorrow, in a world increasingly hungry for yesterday's values, I hope you'll continue to give voice to Tennessee's frontier virtues: Hard work. Loyalty. Love of faith, family and the Volunteer state.

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with spirit like that -- America's going to do a Tennessee waltz,  
all over the competition. \\\

Thank you for your warm greeting. God bless you. God bless  
Tennessee. And God bless the U.S.A.

# # #

# WHITE HOUSE STAFFING MEMORANDUM

*OK*

DATE: 01/31/90

ACTION/CONCURRENCE/COMMENT DUE BY: NOON 02/01/90

SUBJECT: PRESIDENTIAL REMARKS: UNIVERSITY OF TENNESSEE, KNOXVILLE (01/31 draft three)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NEWMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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BATES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNTERMAYER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ROGERS</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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GRAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>WINSTON</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	<u>ANDERSON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by NOON on Thursday, 02/01, with a copy to my office. Thanks.

RESPONSE:

01:51 JAN 1 1990

James W. Cicconi  
Assistant to the President  
and Deputy to the Chief of Staff  
Ext. 2702

McNally/Simon  
January 31, 1990  
Draft Three (B:TENN)

PRESIDENTIAL REMARKS 1990 UNIVERSITY OF TENNESSEE, KNOXVILLE  
ALUMNI GYMNASIUM  
FRIDAY, FEB. 2, 1990, 3:05 P.M.

[[ACKNOWLEDGMENTS]]

Sorry we were a little late getting in. But you now how it is on this campus. Even I can't find a parking place. \\\

It's great to be back in Tennessee. I'm very proud of this state, and this University. And I hear some of you noticed the T-shirt I had on while jogging down in Texas in December -- the "Big Orange" colors of the Tennessee Volunteers. \\\

Back in Washington they debated which move took more guts -- invading Panama, or going to Texas wearing a Big Orange T-shirt.

I got the shirt in Washington when Pat Summitt came to the Rose Garden last April with Tennessee's Lady Volunteers -- the 1989 NCAA National Champions. \\\

And when they came to Washington the Lady Vols had only one request. Not to see the Oval Office. Not to see the Wright brothers plane. Not even Georgetown at night. What they wanted to see was Millie's new puppies. \\\

Of course we said yes. But now it's my turn. And as long as I'm at U.T., it seems I ought to get to meet "SMOKEY." \\\

I am proud of Tennessee, and your great sports traditions. But the truth is, what makes this university so special says a lot about what makes America so special. It's not the winner's trophy at the end of the quest. It's the quest itself. And in Tennessee, as in America, that means the quest for excellence.

At U.T., the quest for excellence starts not on the basketball court or the football field but in the classroom. Maybe you heard that at the White House, I bragged as much about the Lady Vols' 14 years with a 100 percent graduation rate as I did about their basketball championship.

Earlier this week, I issued my first formal budget as President, a blueprint for the year ahead. And two days ago, I stood in the U.S. Capitol -- stood before the American people -- and reported to you on the State of the Union.

[[But don't worry if you missed the speech -- you're not going to hear the two words that strike terror in any college classroom: \\ "Pop quiz!" \\ \\]]

At the heart of my address was a sense of confidence that America today is second to none -- and sense of commitment, a plan to keep America second to none in the years ahead.

The foundation for our plan -- the foundation for our future -- is anchored by a cornerstone we call "Educational Excellence."

Education is our most enduring legacy, vital to everything we are and can become. And my budget calls for record funding, reflecting this belief. But as I said Wednesday night, real improvement in our schools is not simply a matter of spending more. It is a matter of asking more -- expecting more -- of our schools, our teachers, our kids -- and of ourselves.

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# # #

THE WHITE HOUSE  
WASHINGTON

Date: \_\_\_\_\_

2/27/71  
GO-T/M/1  
PI2:25

TO:

Chriss Winston

FROM:

**JAMES P. PINKERTON**  
Deputy Assistant to the President  
for Policy Planning

Re: Univ. of Tenn. speech

A good speech --  
I really like the

"6 R's."

THE WHITE HOUSE

WASHINGTON

February 1, 1990

MEMORANDUM FOR CHRISS WINSTON

FROM: ROGER B. PORTER *RBP*

SUBJECT: University of Tennessee Speech

Thank you for the opportunity to review the draft University of Tennessee speech. The President's placing an emphasis on national education goals only two days after the State of the Union will send a very positive signal about his commitment to the goals and to education. I have a few suggestions which may be appropriate for the address.

- o Lamar Alexander is a member of the President's Education Policy Advisory Committee. Perhaps the President could acknowledge this fact in his remarks, thank Governor Alexander for his and the Committee's advice during the development of the broad national education goals.
- o I appreciate very much that the speech mentions on page 5 that the goals were developed with the governors. It would be helpful to the goals process if the President could mention that he is very pleased with the partnership which has been developed and that he looks forward to working with the governors in the future.
- o In the State of the Union address, the President did not have the opportunity to state each and every goal in the exact words agreed to with the Governors. Therefore, it would be helpful for the record if goal number five could be mentioned in its entirety: "By the year 2000, every adult American will be literate and possess the knowledge and skills necessary to compete in a global economy and exercise the rights and responsibilities of citizenship."

Please let me know if you have any questions on these comments or if I may help in any other way.

*The six "R's" may be too clever by half. Given the sensitivity that these are joint goals with the Governors that have not been formally adopted by them, I strongly urge removing the references to the 6 R's.*

# WHITE HOUSE STAFFING MEMORANDUM

DATE: 01/31/90

ACTION/CONCURRENCE/COMMENT DUE BY: NOON 02/01/90

SUBJECT: PRESIDENTIAL REMARKS: UNIVERSITY OF TENNESSEE, KNOXVILLE  
(01/31 draft three)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NEWMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<del>PORTER</del>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>PINKERTON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>BROMLEY</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ALBRECHT</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>WINSTON</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	<u>ANDERSON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**REMARKS:**

Please provide any comments/recommendations directly to Chriss Winston by NOON on Thursday, 02/01, with a copy to my office. Thanks.

**RESPONSE:**

**James W. Cicconi**  
**Assistant to the President**  
**and Deputy to the Chief of Staff**  
**Ext. 2702**

McNally/Simon  
January 31, 1990  
Draft Three (B:TENN)

PRESIDENTIAL REMARKS 1990 UNIVERSITY OF TENNESSEE, KNOXVILLE  
ALUMNI GYMNASIUM  
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One way to do that is by challenging the impossible. And that brings to mind another challenge that will probably mean more to strengthening our educational system and competitive edge than any other single endeavor. I'm talking about space. For in

**the coming century, first in space will mean first on Earth. And America intends to stay Number One. \\\**

Tennessee has already made important contributions to the space program. Rhea Seddon, one of America's first women astronauts, is a graduate of U.T.'s College of Medicine. And researchers at U.T.'s Space Institute in Tullahoma are working with NASA to develop advanced space propulsion systems for the next generation of manned and unmanned missions.

In the new century -- your century -- those new systems may help take Americans back to the Moon and beyond. Our goal: To place Americans on Mars -- and to do it within the working lifetimes of scientists and engineers who will be recruited for the effort today. And just as Jefferson sent Lewis and Clark to open the continent, our commitment to the Moon/Mars initiative will open the Universe. It's the opportunity of a lifetime -- and offers a lifetime of opportunity. \\\

Yet, some wonder if America has lost its competitive edge, and ask if we must now look overseas for the answer. They point to last week's launch in Japan -- a new satellite sent to orbit the Moon. They forget that 26 years ago today -- long before many of you were born -- America's Ranger 6 landed on the Moon.

The United States is the "defending world champion." But, we have to defend our title day-by-day, week-by-week, year-in and year-out. The Tennessee of Bob Neyland and Johnny Majors, of Wade Houston and Pat Summitt, knows something about defending athletic dynasties. Here it's done the old-fashioned way, the

Tennessee way, the American way.

You can play smart. But there are no shortcuts. It takes hard work and grit. It demands the constant renewal of new talent and new ideas -- always tempered by veteran coaching. And it means sweating harder, reaching higher, and seeing farther than the other guy.

It's never easy, keeping that No. 1 ranking. Pat Summitt said it in 1984, just before bringing the U.S. women's basketball team to another Olympic Gold medal. She said: "We're expected to win now. That's a greater challenge than when you're expected to finish second."

Pat's right. We are going to need as never before the "can-do" attitude that brought our ancestors to America -- and that brought America to greatness. When they asked your own Sgt. York how he captured 132 enemy prisoners and 32 machine guns all by himself, he answered: "I surrounded 'em." \\\

That's what I'd expect from a Tennessean. And that kind of spirit is going to carry us into the 21st Century and beyond.

And as we approach the challenges of tomorrow, in a world increasingly hungry for yesterday's values, I hope you'll continue to give voice to Tennessee's frontier virtues: Hard work. Loyalty. Love of faith, family and the Volunteer state.

When we hear America singing, it is often the sound of Tennessee. The bluegrass fiddling of the mountains. The gospel and country sound of Nashville. The jazz, the blues, of Memphis. It is the stuff of legend, the spirit of faith and hope. And

with spirit like that -- America's going to do a Tennessee waltz,  
all over the competition. \\\

Thank you for your warm greeting. God bless you. God bless  
Tennessee. And God bless the U.S.A.

# # #

UNIVERSITY OF TENNESSEE, KNOXVILLE  
ALUMNI GYMNASIUM  
FRIDAY, FEB. 2, 1990, 3:05 P.M.

THANK YOU, LAMAR [[ALEXANDER]] AND ALSO GOVERNOR  
McWHERTER. AND I'M PLEASED TO BE HERE WITH MY  
EDUCATION SECRETARY, LAURO CAVAZOS, AND MY SECRETARY OF  
ENERGY JIM WATKINS -- BOTH ARE DOING AN OUTSTANDING JOB  
FOR AMERICA. AND ALSO ALVIN TRIVELPIECE, DIRECTOR OF  
THE OAK RIDGE NATIONAL LABORATORY. ALSO HERE TODAY,  
CONGRESSMEN JIMMY QUILLEN, JOHN DUNCAN, DON SUNDQUIST,  
MARILYN LLOYD AND JIM COOPER. AND KNOXVILLE'S MAYOR,  
VICTOR ASHE.

SORRY WE WERE A LITTLE LATE GETTING IN. BUT YOU  
KNOW HOW IT IS ON THIS CAMPUS. EVEN I CAN'T FIND A  
PARKING PLACE. \\\

IT'S GREAT TO BE BACK IN TENNESSEE. I'M VERY  
PROUD OF THIS STATE, AND THIS UNIVERSITY. AND I HEAR  
SOME OF YOU NOTICED THE T-SHIRT I HAD ON WHILE JOGGING  
DOWN IN TEXAS IN DECEMBER -- THE "BIG ORANGE" COLORS OF  
THE TENNESSEE VOLUNTEERS. \\\

BACK IN WASHINGTON THEY DEBATED WHICH MOVE TOOK MORE GUTS -- INVADING PANAMA, OR GOING TO TEXAS WEARING A BIG ORANGE T-SHIRT.

I GOT THE SHIRT IN WASHINGTON WHEN PAT SUMMITT CAME TO THE ROSE GARDEN LAST APRIL WITH TENNESSEE'S LADY VOLUNTEERS -- THE 1989 NCAA NATIONAL CHAMPIONS. \\\

AND WHEN THEY CAME TO WASHINGTON THE LADY VOLS HAD ONLY ONE REQUEST. NOT TO SEE THE OVAL OFFICE. NOT TO SEE THE WRIGHT BROTHERS PLANE. NOT EVEN GEORGETOWN AT NIGHT. WHAT THEY WANTED TO SEE WAS MILLIE'S NEW PUPPIES. \\\

OF COURSE WE SAID YES. BUT NOW IT'S MY TURN. AND AS LONG AS I'M AT U.T., IT SEEMS I OUGHT TO GET TO MEET "SMOKEY." \\\

I AM PROUD OF TENNESSEE, AND YOUR GREAT SPORTS TRADITIONS. BUT THE TRUTH IS, WHAT MAKES THIS UNIVERSITY SO SPECIAL SAYS A LOT ABOUT WHAT MAKES AMERICA SO SPECIAL. IT'S NOT THE WINNER'S TROPHY AT THE END OF THE QUEST. IT'S THE QUEST ITSELF. AND IN TENNESSEE, AS IN AMERICA, THAT MEANS THE QUEST FOR EXCELLENCE.

AT U.T., THE QUEST FOR EXCELLENCE STARTS NOT ON THE BASKETBALL COURT OR THE FOOTBALL FIELD BUT IN THE CLASSROOM. MAYBE YOU HEARD THAT AT THE WHITE HOUSE, I BRAGGED AS MUCH ABOUT THE LADY VOLTS' 14 YEARS WITH A 100 PERCENT GRADUATION RATE AS I DID ABOUT THEIR BASKETBALL CHAMPIONSHIP.

EARLIER THIS WEEK, I ISSUED MY FIRST FORMAL BUDGET AS PRESIDENT, A BLUEPRINT FOR THE YEAR AHEAD. AND TWO DAYS AGO, I STOOD IN THE U.S. CAPITOL -- STOOD BEFORE THE AMERICAN PEOPLE -- AND REPORTED TO YOU ON THE STATE OF THE UNION.

[[BUT DON'T WORRY IF YOU MISSED THE SPEECH --  
YOU'RE NOT GOING TO HEAR THE TWO WORDS THAT STRIKE  
TERROR IN THE HEARTS OF EVERY COLLEGE STUDENT: \\  
"POP QUIZ!" \\\]]

AT THE HEART OF MY ADDRESS WAS A SENSE OF  
CONFIDENCE THAT AMERICA TODAY IS SECOND TO NONE -- AND  
A SENSE OF COMMITMENT, A PLAN TO KEEP AMERICA SECOND TO  
NONE IN THE YEARS AHEAD.

THE FOUNDATION FOR OUR PLAN -- THE FOUNDATION FOR  
OUR FUTURE -- IS ANCHORED BY A CORNERSTONE WE CALL  
"EDUCATIONAL EXCELLENCE."

EDUCATION IS OUR MOST ENDURING LEGACY, VITAL TO  
EVERYTHING WE ARE AND CAN BECOME. AND MY BUDGET CALLS  
FOR RECORD FUNDING, REFLECTING THIS BELIEF. BUT AS I  
SAID WEDNESDAY NIGHT, REAL IMPROVEMENT IN OUR SCHOOLS  
IS NOT SIMPLY A MATTER OF SPENDING MORE. IT IS A  
MATTER OF ASKING MORE -- EXPECTING MORE -- OF OUR  
SCHOOLS, OUR TEACHERS, OUR KIDS -- AND OF OURSELVES.

YOU IN TENNESSEE KNOW THAT GOALS AND HIGH EXPECTATIONS WORK. FIVE YEARS AGO, GOVERNOR ALEXANDER TOLD TENNESSEE'S EIGHTH GRADERS: "IF YOU WANT TO GO TO STATE UNIVERSITIES -- YOU'RE GOING TO HAVE TO TAKE MORE MATH AND SCIENCE."

THERE WAS A GOOD DEAL OF GRUMBLING AT FIRST. BUT TODAY, ALMOST ALL FRESHMAN ARE MEETING THOSE REQUIREMENTS.

AS A RESULT, ADMISSION SCORES ARE UP. RETENTION RATES ARE UP. AND BEST OF ALL -- 41 PERCENT MORE STUDENTS ARE TAKING SCIENCE AND MATH IN THE HIGH SCHOOLS THAN WERE TAKING THOSE SUBJECTS FIVE YEARS AGO. YOU EXPECTED MORE. SO YOU GOT MORE.

I BELIEVE WHAT WORKED FOR TENNESSEE WILL WORK FOR AMERICA. AND WEDNESDAY NIGHT, I ANNOUNCED AMERICA'S EDUCATION GOALS -- GOALS DEVELOPED WITH THE GOVERNORS. ~~OF ALL FIFTY STATES.~~ (fact)

PART OF THE ANSWER MEANS GETTING BACK TO BASICS. RECENTLY ONE KID WAS ASKED IF HE KNEW WHAT THE "THREE R'S" WERE. HE SAID, "SURE: READING. 'RITING. AND REMOTE CONTROL." \\\

WELL, JUST AS WE'RE RE-DOUBLING OUR EFFORTS TO BOOST EDUCATION, SO WE'VE DOUBLED THE "THREE R'S" AS WELL. WE HAVE SIX GOALS -- "SIX R'S" FOR EDUCATION IN THE NINETIES.

THE FIRST IS READINESS. BY THE YEAR 2000, EVERY CHILD IN AMERICA WILL START SCHOOL READY TO LEARN. AND WE'VE CALLED FOR A RECORD INCREASE -- AN EXTRA HALF-BILLION DOLLARS TO ENSURE A FAIR START -- THROUGH PROJECT HEAD START. \\\

OUR NEXT GOAL MIGHT BE CALLED "SEARCH AND RESCUE." WE WILL TARGET AMERICA'S MOST AT-RISK YOUTH, AND GET THEM THE HELP THEY NEED -- THE HELP THEY DESERVE. OUR 10-YEAR GOAL -- TO RAISE AMERICA'S HIGH SCHOOL GRADUATION RATE TO AT LEAST 90 PERCENT.

THIRD, IT'S TIME TO RE-ESTABLISH <sup>excellence</sup> STANDARDS. BY THE NEW CENTURY, AMERICAN STUDENTS WILL LEAVE GRADES 4, 8, AND 12 HAVING DEMONSTRATED COMPETENCY OVER THE WORLD IN WHICH THEY LIVE -- THE WORLD OF MATH, ENGLISH, SCIENCE, HISTORY AND GEOGRAPHY.

AND WE'RE CALLING FOR A NEW RENAISSANCE IN SCIENCE AND MATH, TO MAKE AMERICA'S STUDENTS FIRST IN THE WORLD BY THE YEAR 2000.

NEXT -- READING. A COMPETITIVE AMERICA MUST BE A LITERATE AMERICA, WHERE EVERY MAN AND WOMAN POSSESSES THE KNOWLEDGE AND SKILLS NECESSARY TO SUCCEED IN A GLOBAL ECONOMY.

LAST -- AND MOST FUNDAMENTAL -- IN EVERY SCHOOL IN AMERICA, WE'VE GOT TO CREATE AN ENVIRONMENT CONDUCIVE TO LEARNING. THAT MEANS DISCIPLINED SCHOOLS. THAT MEANS DRUG-FREE SCHOOLS. \ \

THE SOLUTION TO CHAOS IN OUR CLASSROOMS IS NO MYSTERY. FRANKLIN HAD A WORD FOR IT. NOT BEN FRANKLIN -- ARETHA FRANKLIN. SHE CALLS IT: "R-E-S-P-E-C-T."  
\\ KIDS NEED RESPECT FOR TEACHERS. RESPECT FOR LEARNING. RESPECT FOR THEMSELVES. \\

ALL SIX GOALS ARE IMPORTANT. AND LAMAR, I WAS THRILLED TO LEARN THAT TENNESSEE -- A MAJOR RESEARCH UNIVERSITY AND A PILLAR OF THE SCIENCE-RICH, OAK RIDGE CORRIDOR -- HAS ALREADY TAKEN THE LEAD IN RESPONDING TO OUR CHALLENGE TO USE SCIENCE AND TECHNOLOGY TO BOOST AMERICA'S COMPETITIVENESS. AND THANKS TO GOVERNOR McWHERTER, MARTIN MARIETTA, AND THE DEPARTMENT OF ENERGY -- YOU'LL HAVE A NEW SUMMER SCHOOL FOR MATH AND SCIENCE --AND A NEW ACADEMY FOR AMERICA'S TOP ELEMENTARY AND HIGH SCHOOL TEACHERS.

UNBELIEVABLY, IT WAS ALL PUT TOGETHER IN A WEEK. AND THE SPEED OF TENNESSEE'S RESPONSE PROVES WHAT WE'VE BEEN SAYING SINCE I FIRST SENT MY EDUCATIONAL EXCELLENCE PACKAGE TO CONGRESS LAST SPRING. THE TIME FOR STUDY IS PAST. THE TIME FOR ACTION IS NOW.

BUILDING AMERICA'S COMPETITIVE STRENGTH TODAY ALSO MEANS THAT WE NEED QUICK CONGRESSIONAL ACTION ON OUR OTHER PROPOSALS FOR INVESTING IN NEW CAPITAL -- INTELLECTUAL CAPITAL. THAT INCLUDES EVERYTHING FROM REFORMING PRODUCT LIABILITY LAWS TO DOUBLING THE BUDGET OF THE NATIONAL SCIENCE FOUNDATION.

IT MEANS A RECORD-HIGH INCREASE IN FUNDS FOR RESEARCH AND DEVELOPMENT -- R & D. NEW HELP FOR R & E -- RESEARCH AND EXPERIMENTATION -- BY MAKING THE R & E TAX CREDIT PERMANENT. AND FUNDS TO IMPROVE EDUCATION: THE EISENHOWER EDUCATION GRANTS FOR MATH AND SCIENCE WOULD GROW BY 70 PERCENT, TO \$230 MILLION.

IN SCIENCE AND TECHNOLOGY, THE UNITED STATES IS TODAY THE UNDISPUTED HEAVYWEIGHT CHAMPION OF THE WORLD. WE PRODUCE MORE SCHOLARLY WORKS, MORE BREAKTHROUGHS, MORE INTERNATIONAL PRIZES.

BUT LIKE ANY CHAMPION, WE CANNOT REST ON OUR REPUTATION. MORE THAN 30 YEARS AGO, DWIGHT EISENHOWER USED HIS STATE OF THE UNION SPEECH TO ADDRESS A SIMILAR CHALLENGE. "OUR REAL PROBLEM," SAID IKE, "IS NOT OUR STRENGTH TODAY. IT IS RATHER THE VITAL NECESSITY OF ACTION TODAY TO ENSURE OUR STRENGTH TOMORROW."

TODAY, I AM TAKING ACTION BY APPOINTING THE MEMBERS OF THE PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY. INDEED, VICE PRESIDENT DAN QUAYLE -- WHO'S DOING SUCH AN OUTSTANDING JOB AS CHAIRMAN OF BOTH THE NATIONAL SPACE COUNCIL AND THE COMPETITIVENESS COUNCIL -- IS SWEARING IN THE MEMBERS OF THIS NEW COUNCIL THIS AFTERNOON. COMPRISED OF SOME OF THE BEST SCIENTIFIC MINDS IN THE COUNTRY, WE WILL MEET TOMORROW AT CAMP DAVID TO DISCUSS WAYS TO MAINTAIN U.S. SUPREMACY IN THESE FIELDS.

ONE WAY TO DO THAT IS BY CHALLENGING THE IMPOSSIBLE. AND THAT BRINGS TO MIND ANOTHER CHALLENGE THAT WILL PROBABLY MEAN MORE TO STRENGTHENING OUR EDUCATIONAL SYSTEM AND COMPETITIVE EDGE THAN ANY OTHER SINGLE ENDEAVOR. I'M TALKING ABOUT SPACE. FOR IN THE COMING CENTURY, FIRST IN SPACE WILL MEAN FIRST ON EARTH. AND AMERICA INTENDS TO STAY NUMBER ONE. \ \ \

WE NEED TO FIND WAYS TO DO THINGS FASTER AND MORE EFFICIENTLY IN SPACE. THAT'S WHY NASA AND OUR SPACE COUNCIL HAVE CALLED ON AMERICA'S GREAT UNIVERSITIES AND RESEARCH CENTERS TO PUT THEIR BRIGHTEST ENGINEERS AND SCIENTISTS TO WORK ON COMING UP WITH BOLD, INNOVATIVE IDEAS -- NEW TECHNOLOGIES FOR A NEW TOMORROW IN SPACE.

TENNESSEE HAS ALREADY MADE IMPORTANT CONTRIBUTIONS TO THE SPACE PROGRAM. RHEA SEDDON [[REE-A SEDD-UN]], ONE OF AMERICA'S FIRST WOMEN ASTRONAUTS, IS A GRADUATE OF U.T.'S COLLEGE OF MEDICINE. AND RESEARCHERS AT U.T.'S SPACE INSTITUTE IN TULLAHOMA ARE WORKING WITH NASA TO DEVELOP ADVANCED SPACE PROPULSION SYSTEMS FOR THE NEXT GENERATION OF MANNED AND UNMANNED MISSIONS.

IN THE NEW CENTURY -- YOUR CENTURY -- THOSE NEW SYSTEMS MAY HELP TAKE AMERICANS BACK TO THE MOON AND BEYOND. OUR GOAL: TO PLACE AMERICANS ON MARS -- AND TO DO IT WITHIN THE WORKING LIFETIMES OF SCIENTISTS AND ENGINEERS WHO WILL BE RECRUITED FOR THE EFFORT TODAY. AND JUST AS JEFFERSON SENT LEWIS AND CLARK TO OPEN THE CONTINENT, OUR COMMITMENT TO THE MOON/MARS INITIATIVE WILL OPEN THE UNIVERSE. IT'S THE OPPORTUNITY OF A LIFETIME -- AND OFFERS A LIFETIME OF OPPORTUNITY. \ \ \

YET, SOME WONDER IF AMERICA HAS LOST ITS COMPETITIVE EDGE, AND ASK IF WE MUST NOW LOOK OVERSEAS FOR THE ANSWER. THEY POINT TO LAST WEEK'S LAUNCH IN JAPAN -- A NEW SATELLITE SENT TO ORBIT THE MOON. THEY FORGET THAT 26 YEARS AGO TODAY -- LONG BEFORE MANY OF YOU WERE BORN -- AMERICA'S RANGER 6 LANDED ON THE MOON.

THE UNITED STATES IS THE "DEFENDING WORLD CHAMPION." BUT, WE HAVE TO DEFEND OUR TITLE DAY-BY-DAY, WEEK-BY-WEEK, YEAR-IN AND YEAR-OUT. THE TENNESSEE OF BOB NEYLAND [INEE-LAND] AND JOHNNY MAJORS, OF WADE HOUSTON AND PAT SUMMITT, KNOWS SOMETHING ABOUT DEFENDING ATHLETIC DYNASTIES. HERE IT'S DONE THE OLD-FASHIONED WAY, THE TENNESSEE WAY, THE AMERICAN WAY.

YOU CAN PLAY SMART. BUT THERE ARE NO SHORTCUTS. IT TAKES HARD WORK AND GRIT. IT DEMANDS THE CONSTANT RENEWAL OF NEW TALENT AND NEW IDEAS -- ALWAYS TEMPERED BY VETERAN COACHING. AND IT MEANS SWEATING HARDER, REACHING HIGHER, AND SEEING FARTHER THAN THE OTHER GUY.

IT'S NEVER EASY, KEEPING THAT NO. 1 RANKING. PAT SUMMITT SAID IT IN 1984, JUST BEFORE BRINGING THE U.S. WOMEN'S BASKETBALL TEAM TO AN OLYMPIC GOLD MEDAL. SHE SAID: "WE'RE EXPECTED TO WIN... THAT'S A GREATER CHALLENGE THAN WHEN YOU'RE EXPECTED TO FINISH SECOND."

PAT'S RIGHT. WE ARE GOING TO NEED AS NEVER BEFORE THE "CAN-DO" ATTITUDE THAT BROUGHT OUR ANCESTORS TO AMERICA -- AND THAT BROUGHT AMERICA TO GREATNESS. IN WORLD WAR I, WHEN THEY ASKED YOUR OWN SGT. YORK HOW HE CAPTURED 132 ENEMY PRISONERS AND 32 MACHINE GUNS ALL BY HIMSELF, HE ANSWERED: "I SURROUNDED 'EM."

THAT'S WHAT I'D EXPECT FROM A TENNESSEAN. AND THAT KIND OF SPIRIT IS GOING TO CARRY US INTO THE 21ST CENTURY AND BEYOND.

AND AS WE APPROACH THE CHALLENGES OF TOMORROW, IN  
A WORLD INCREASINGLY HUNGRY FOR YESTERDAY'S VALUES, I  
HOPE YOU'LL CONTINUE TO GIVE VOICE TO TENNESSEE'S  
FRONTIER VIRTUES: HARD WORK. LOYALTY. LOVE OF FAITH,  
FAMILY AND THE VOLUNTEER STATE.

WHEN WE HEAR AMERICA SINGING, IT IS OFTEN THE  
SOUND OF TENNESSEE. THE BLUEGRASS FIDDLE OF THE  
MOUNTAINS. THE GOSPEL AND COUNTRY SOUND OF NASHVILLE.  
THE JAZZ, THE BLUES, OF MEMPHIS. IT IS THE STUFF OF  
LEGEND, THE SPIRIT OF FAITH AND HOPE. AND WITH SPIRIT  
LIKE THAT -- AMERICA'S GOING TO DO A TENNESSEE WALTZ,  
ALL OVER THE COMPETITION. \\\

THANK YOU FOR YOUR WARM GREETING. GOD BLESS YOU.  
GOD BLESS TENNESSEE. AND GOD BLESS THE U.S.A.

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