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GOVERNMENT SECRETARY OF THE ARMY; AND JAY RAYMOND  
Storage SCULLEY, TO BE ASSISTANT SECRETARY OF THE  
ARMY

DOCUMENTS

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HEARING

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BEFORE THE

COMMITTEE ON ARMED SERVICES

UNITED STATES SENATE

NINETY-SEVENTH CONGRESS

FIRST SESSION

ON

NOMINATIONS OF

JAMES R. AMBROSE, OF NORTH CAROLINA, TO BE  
UNDER SECRETARY OF THE ARMY

JAY RAYMOND SCULLEY, OF VIRGINIA, TO BE  
ASSISTANT SECRETARY OF THE ARMY

OCTOBER 6, 1981

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(II)

**NOMINATIONS OF JAMES R. AMBROSE, TO BE UNDER  
SECRETARY OF THE ARMY; AND JAY SCULLEY, TO  
BE ASSISTANT SECRETARY OF THE ARMY**

**TUESDAY, OCTOBER 6, 1981**

**U.S. SENATE,  
COMMITTEE ON ARMED SERVICES,  
Washington, D.C.**

The committee met in open session, pursuant to notice at 11:17 a.m., in room 212, Russell Senate Office Building, Senator John W. Warner, presiding.

Present: Senators Warner, Cohen, and Byrd.

Staff present: James F. McGovern, general counsel; Paul C. Besozzi, minority counsel; Christine E. Cowart, chief clerk; and Tamara L. Jones, staff assistant.

Also present: Dennis P. Sharon, assistant to Senator Goldwater; Buzz Hefti, assistant to Senator Warner, Jon Etherton, assistant to Senator Jepsen; Frank Krebs, assistant to Senator Cannon; Gray Armistead, assistant to Senator Byrd; and Greg Pallas, assistant to Senator Exon.

**OPENING STATEMENT BY SENATOR JOHN WARNER, PRESIDING**

Senator WARNER. I offer my apologies to all for being a little late. I was just attending a rather historic swearing in of Charles Bowsher as adviser to the Congress on monetary and fiscal affairs.

Twelve years ago, Senators Chafee and Warner, and Secretary Laird and Bowsher were in the Department of the Navy, this was in February 1969. Therefore, Secretary Laird and my colleague, Mr. Chafee, and I wanted to be with our old friend and new adviser to the Congress on monetary and fiscal matters.

The nomination reference and biographical sketch of James R. Ambrose, of North Carolina, to be Under Secretary of the Army, will be inserted in the hearing record at this point.

[The nomination reference and biographical sketch follow:]

**NOMINATION REFERENCE**

**AS IN EXECUTIVE SESSION,  
SENATE OF THE UNITED STATES,  
October 1, 1981.**

*Ordered,* That the following nomination be referred to the Committee on Armed Services:

James R. Ambrose, of North Carolina, to be Under Secretary of the Army, vice Robert Harry Spiro, Jr., resigned.

## BIOGRAPHICAL SKETCH OF JAMES R. AMBROSE

Mr. James R. Ambrose was born in Brewer, Maine, on 16 August 1922. Educated in elementary and secondary schools in Bangor, Maine, he was graduated with high distinction and departmental honors from the University of Maine in 1943 with a degree in engineering physics. He is a member of the honor societies, Phi Kappa Phi and Tau Beta Pi.

Mr. Ambrose was employed during World War II and until 1955 at the Naval Research Laboratory (NRL) in Washington, D.C., where he was involved in the early development of ship and airborne radar systems, semiconductors, nuclear weapons, and nuclear reactors. He attended Georgetown, Catholic University, and the University of Maryland on a part-time basis, as his duties at the Naval Research Laboratory permitted, studying physics and mathematics.

His service at NRL during World War II included assignments as technical liaison with MIT Radiation Laboratory and technical advisor to CJCS committees on radar and test equipment. He was also a principal member of the NRL team which supported Los Alamos in the development of initial thermonuclear devices.

In 1955, Mr. Ambrose joined the newly formed Lockheed Corporation, Missile Systems Division, where he was engaged in studies and proposal efforts on satellites and ballistic missile projects which were the beginnings of the Polaris and 117L satellite projects.

In late 1955, he became one of the principals in a new systems engineering firm, Systems Research Corporation, which was subsequently acquired by Ford Motor Company to provide Ford with a prime defense systems design and production capability. This acquisition was later merged with Philco Corporation and is currently operated as a wholly owned subsidiary of Ford, called Ford Aerospace and Communications Corporation.

Mr. Ambrose has spent over 36 years in these organizations in technical management assignments primarily related to defense equipment and systems, space programs, and major communications, command, and control systems. For the last 13 years of his career prior to retirement in 1979, he was Vice President for Technical Affairs for Ford Aerospace and Communications Corporation.

In this capacity, he was the principal technical advisor to the Corporation. He was responsible for functional oversight and review on behalf of the Corporation of all research, engineering, manufacturing, purchasing, and quality control matters. He was advisor to the President of the Corporation, in his functional areas, on budgets and budget performance, capital investment, personnel and organization, major proposals and contract performance. Mr. Ambrose was also the principal Corporate trouble-shooter on major contract performance problems.

As Vice President, Technical Affairs, and in his prior Divisional management assignments in Ford, Mr. Ambrose has been involved in a broad spectrum of major projects including the Shillelagh anti-tank weapon, Sidewinder/Chaparral air defense system, NASA Mission Control Center (Houston), Ford/Philco support services in Vietnam and at NORAD, and US, NATO, and Intelsat communications satellites.

Mr. Ambrose is currently a member of the American Physical Society and, until his retirement, was a senior member of the Institute of Electrical and Electronics Engineers. In 1975, he was Chairman, Technical Management Policy Group, Aerospace Industries Association of America, Inc., responsible for coordinating industry/defense standardization efforts. At various times, he has been a member of the Air Force Association, American Defense Preparedness Association, American Institute of Aeronautics and Astronautics, Armed Forces Communications and Electronics Association, Association of the US Army, National Security Industrial Association, National Space Club, Navy League, Aerospace Industries Association of America, Inc., and Electronic Industries Association. He is currently a Director and Treasurer of Hospice of Polk County, North Carolina.

Mr. Ambrose is a widower, and has four married sons.

Senator WARNER. Senator Cohen?

Senator COHEN. Thank you, Mr. Chairman.

Mr. Chairman and distinguished members of the committee, it is an honor and a pleasure for me to present James R. Ambrose for the post of Under Secretary of the Army.

Mr. Ambrose is a native of my hometown of Bangor, Maine, which makes presenting him a special pleasure.

Mr. Ambrose will bring to his new post more than 36 years of valuable experience in the areas of defense equipment and systems, major communications, command and control systems, and space programs. He has worked for such distinguished companies as Lockheed and the Ford Aerospace Corp., a division of Ford Motor Co.

He combines intimate technical knowledge of defense systems with proven administrative and managerial skills.

In addition, at a time when this committee and the entire Congress are most concerned about efficient use of defense dollars, Mr. Ambrose brings to his post experience as a troubleshooter for contract performance problems when he was with Ford Aerospace.

Mr. Chairman, as we all know, these are perilous times. We are reminded daily, as we were last week when the Pentagon released its analysis of the Soviet military buildup, of the critical need to rebuild our sagging defense forces.

One important factor in this rebuilding will be to place only the best and most qualified individuals in charge of carrying out the President's defense policies.

I am confident that James Ambrose's superb experience and life-long commitment to excellence will make him an excellent choice for this important post, and I urge his speedy confirmation.

Senator WARNER. We thank you very much, Senator Cohen.

Senator Byrd?

Senator BYRD. I have no questions, Mr. Chairman.

Senator WARNER. Mr. Ambrose, do you have a statement?

**STATEMENT OF MR. JAMES R. AMBROSE, OF NORTH CAROLINA,  
NOMINEE TO BE UNDER SECRETARY OF THE ARMY**

Mr. AMBROSE. Thank you, Mr. Chairman. Good morning, Senator Byrd.

I have a few remarks. I don't have a prepared statement. Then I will be available for any questions you wish to ask.

Senator WARNER. As you will note, your distinguished sponsor has taken leave of his seat and therefore you are on your own now.

Mr. AMBROSE. I heard words of that sort from him as he left. I have submitted to the committee the biographical information, financial data, and conflict-of-interest statements that are required and I believe all those matters have been fulfilled.

It is an honor to appear before this distinguished committee to be considered for the position of Under Secretary of the Army. It is humbling to consider that potentially one person can encompass the duties of such an office. I think, however, that I have some background and experience which can be of use here. I hope it is not presumptuous of me to say so.

The Army has large problems, deferred in many respects, for many years, to be dealt with. Secretary Marsh has indicated that he expects me to be an active Under Secretary. He has asked me particularly to concentrate on R. & D., procurement matters, manpower, and mobilization; and I will do the best I can to oblige those requirements.

I have built my entire professional career on simple but vital principles of integrity, objectivity, and realism, and I will bring these principles to bear to the best of my abilities in performing the duties of the Under Secretary's office if I am confirmed.

The administration and Congress are partners in assuring this country of an adequate and strong defense, especially this distinguished committee. I look forward to participation in these matters. I assure the committee that they will have my full cooperation. I will be entirely candid with them in assessing the Army's requirements and the Army's position.

Thank you.

Senator COHEN [presiding]. Thank you very much, Mr. Ambrose.

As you have indicated, you have been delegated the responsibilities for procurement, manpower, and mobilization, and I can tell you that is one very big responsibility to place before you.

From my own review of your record, I am satisfied that if anyone can make not only a dent but also an improvement in these policies, particularly in skills and procurement, I would say you are the right man for the job.

Senator Byrd?

Senator BYRD. No questions, Mr. Chairman. I am glad to support the nominee, since you have been recommended by Senator Cohen.

Mr. AMBROSE. Thank you very much, Senator.

Senator COHEN. If there are no other questions before the committee, the record will stay open until 5 p.m. this afternoon in the event other Senators have questions to present to you. Hopefully, you will be able to respond prior to that time. We will vote later this afternoon.

Thank you very much, Mr. Ambrose.

Mr. AMBROSE. Thank you, Mr. Chairman.

Senator COHEN. The next nomination before the committee is that of Dr. Jay Raymond Sculley, of Virginia, to be Assistant Secretary of the Army.

The nomination reference and biographical sketch of Jay Raymond Sculley, of Virginia, to be an Assistant Secretary of the Army for Research, Development, and Acquisition, will be inserted in the hearing record at this point.

[The nomination reference and biographical sketch follow:]

#### NOMINATION REFERENCE

AS IN EXECUTIVE SESSION,  
SENATE OF THE UNITED STATES,  
October 1, 1981.

*Ordered,* That the following nomination be referred to the Committee on Armed Services:

Jay Raymond Sculley, of Virginia, to be an Assistant Secretary of the Army, vice Percy Anthony Pierre, resigned.

#### BIOGRAPHICAL SKETCH OF DR. JAY RAYMOND SCULLEY

The White House has announced the nomination of Dr. Jay Raymond Sculley of Lexington, Virginia, for the position of Assistant Secretary of the Army for Research, Development and Acquisition.

After confirmation by the Senate, Dr. Sculley will be responsible for developing and managing policies and programs in support of development and acquisition of Army weapons systems and equipment. This includes responsibility for research, development and production as well as responsibility for Army contracting activities. He will also have responsibility for international cooperative programs and foreign military sales.

Dr. Sculley, was born in Englewood, New Jersey, on 6 August 1940. Upon graduation from Annandale (Va) High School, he entered the Virginia Military Institute where he received a Bachelor of Science Degree in Civil Engineering in 1962. Following graduation from VMI, he spent 33 months as an officer in the U.S. Air Force and later was a design engineer with the DuPont Company before entering graduate school at the Johns Hopkins University. He earned the M.S.E. degree in environmental engineering at Johns Hopkins in 1970 and was awarded the Ph.D. degree in 1974, also in environmental engineering.

Dr. Sculley joined the VMI faculty in 1970 and served four years as an assistant professor of civil engineering before electing in 1974 to leave teaching and enter industry. He was general manager for Corrugated Services, Inc., a Texas paper recycling company, for one year before returning to VMI and the classroom in 1975. He was appointed associate professor in 1975 and promoted to professor in 1979. During his faculty years at VMI he has also been actively involved in engineering research through the VMI Research Laboratories, Inc. He is the author of numerous papers and has been elected to Who's Who in Engineering.

At age 38 Dr. Sculley headed VMI's largest degree-granting academic department. In addition to his administrative duties, he taught courses in computer science, operations research and traffic flow theory. Dr. Sculley was also the Superintendent's representative to the VMI Honor Court and was coach of the VMI soccer team on which he played and captained during his own cadet days at the Institute.

Dr. Sculley is married to the former Peggy Lee Winkel of Baltimore. They have one daughter, Rebecca Lee.

Senator COHEN. Senator Byrd?

Senator BYRD. Mr. Chairman, members of the committee, it is a great pleasure to have this opportunity to introduce to this committee another Virginian. Although he was born in New Jersey, he is a Virginian by choice.

I am pleased to state that Jay Sculley is a graduate of Virginia Military Institute. We need more VMI graduates in our Government. He is a professor now at Virginia Military Institute. I am aware of his fine record of performance in both the academic and the business worlds. That background and his involvement in matters concerning the defense of our Nation throughout most of his adult life make him suitable indeed for the position of Assistant Secretary of the Army for Research, Development, and Acquisition.

He brings to this position a disciplined and well-trained mind and a firm understanding of the problems involved in building adequate defenses for our Nation.

Accompanying Dr. Sculley today are his wife, Peggy Lee, his daughter, Rebecca, his parents, Colonel and Mrs. Raymond Sculley of Hampton, Va., and his mother-in-law and father-in-law, Mr. and Mrs. Lee Winkel of Baltimore. I would like to say welcome to all of you.

I would like to strongly commend to the committee Jay R. Sculley as Assistant Secretary of the Army.

Senator COHEN. Thank you very much, Senator Byrd.

Dr. Sculley, your prepared statement will be inserted in the hearing record.

[The prepared statement follows:]

PREPARED STATEMENT OF DR. J. R. SCULLEY, ASSISTANT SECRETARY  
OF THE ARMY (RESEARCH, DEVELOPMENT AND ACQUISITION)

Mr. Chairman, members of the committee: It is a distinct honor to appear before you today. My involvement with the military began when I was very young while my father was serving in the Army Air Corps. Later, I was a cadet at VMI and received a regular commission in the Air Force. When my active duty days came to an abrupt end for medical reasons, I feared that perhaps my direct involvement with the armed services was at an end. I did not realize that I would someday have the opportunity to serve my country in such an important capacity as the one to which President Reagan has nominated me.

I undertake this appointment with a combination of humility, confidence and enthusiasm. I believe that my experience in industry and engineering research, together with my military background, will benefit me greatly in the research, development and acquisition arena. I am genuinely enthusiastic for many reasons, not the least of which is the sense of purpose and direction which I have seen and felt on the part of those who are involved in insuring the security of our Nation.

It would be presumptuous of me to elaborate to you on the quantitative and qualitative disadvantages which the Army would face should it be called upon to go into combat at this very moment. You are well versed in the historical quantitative advantage which the Soviets have enjoyed in weapons such as tanks, artillery and attack helicopters. Just recently, however, we have all come to appreciate the significant qualitative advantage which the Soviets have added to that numerical superiority.

This qualitative imbalance must be set straight—and done so in a manner which demonstrates to the Congress and the American people that the Army can manage its resources—the taxpayers' dollars—efficiently and effectively.

Despite the magnitude of this challenge, I feel fortunate to be here at this particular time—a time at which I believe the means by which to accomplish this task are at hand.

The Army has embarked upon an unprecedented peacetime modernization effort. Even more important, however, is the fact that the Army is committed to accomplishing this force modernization while making solid improvements in the acquisition process. The Acquisition Process Review directed by Mr. Carlucci earlier this year made specific recommendations along these lines.

The Army has responded to increased procurement funding by looking for opportunities to implement those recommendations and to improve efficiency . . . to produce at more economic rates of production and to apply multiyear contracting when appropriate. To foster competition and to examine evolutionary alternatives rather than solutions at the frontier of technology; to ultimately establish a degree of stability in our programs which will reduce costs and save time.

I stand firmly behind these efforts in that they support an objective which is shared by all of us—fielding the right system, at the right time, and at a cost which is fair to both the taxpayer and the manufacturer.

Still I recognize that such initiatives are just a start. We must take advantage of their momentum and continue improvements in other areas such as our in-house tech base, in our ability to control cost growth, and in the strength of our industrial base.

Secretary Weinberger recently described the basic goal of our defense policy as peace with freedom. Two hundred years ago this very day our Army was engaged in battle at Yorktown to win freedom for our Nation. The Army's role today is no less vital to preserving that freedom and maintaining peace. I consider it a privilege to have been chosen to participate in that effort and would be honored by your confirmation.

Senator COHEN. Senator Warner?

Senator WARNER. I wish to associate myself with the remarks of my distinguished senior colleague, Mr. Byrd.

I have had the privilege of meeting and talking with this nominee. It is my intention to strongly endorse his confirmation.

Senator Byrd has stated he comes from a long line of VMI colleagues, which will suit him well in the Army.

We thank you for offering yourself.

We thank the families of both candidates for offering themselves to service to our country.

I found my work as Undersecretary of the Navy, and then as Secretary of the Navy as some of the most rewarding days of my life.

As I indicated, the delay this morning of my arrival was occasioned by the strong friendships formed in the Department of the Navy years ago.

You will find the intensity of the work and severity of the problems will bring you very close to your colleagues, both civilian and uniformed. I am confident you will look back, as I and others have, to this being one of the most rewarding and important chapters of your respective lives.

I wish you the best of luck; and to the family I say, nothing of importance occurs in the Department of Defense after 7 p.m. See that they are home.

Thank you.

Senator COHEN. Senator Warner mentioned the family. I should point out, Mr. Ambrose's 86-year-old mother, Helen Ambrose, who is here today visiting from Bangor, is present. I want to commend you for making the trip from Bangor to Washington, Mrs. Ambrose.

I would like to advise the committee that both Mr. Ambrose and Dr. Sculley have previously met with the committee staff and agreed to take all necessary actions to comply with the committee's policies and procedures concerning financial disclosures and potential conflicts of interest.

There are a number of routine military nominations before the committee. If there are no objections, they will be considered to be approved.

The committee stands adjourned.

[Whereupon, at 11:29 a.m., the committee was adjourned, subject to call of the Chair.]

[The nominations of Mr. James R. Ambrose, and Dr. Jay Raymond Sculley, were reported to the Senate by Senator William S. Cohen on October 6, 1981, with the recommendation that the nominations be confirmed. The nominations were confirmed by the Senate on October 7, 1981.]







