## oan 141 W lissile Crisis More Volatile Than Thought

1962 Cuban missile crisis, including S. McNamara said yesterday that nuclear conflict than was previously two nations were much closer to a in Cuba at the time, indicate that the Soviet short-range atomic weapons the presence of hitherto unknown realized. Former defense secretary Robert

McNamara made the statement

after returning to Washington from a four-day closed-door meeting in Ha-vana of former U.S., Soviet and Cuban officials investigating the cir-cumstances of the historic U.S.-So-viet showdown from the point of view of all the participants.

By Don Oberdorfer Washington Post Staff Writer

with nuclear weapons was "99 per-cent," according to McNamara, who was secretary of defense at the time. If such weapons had been fired at U.S. troops, the probability that the United States would have retaliated Even before the meeting, the mis-

> The new element was a statement by retired Soviet Gen. Anatoly Gribtween the two nuclear superpowers. that a nuclear war would erupt beto have been the high point of danger sile crisis was widely acknowledged kov, later chief of staff of Warsaw Pact military forces, that nine short-

orders that, in case of a U.S. invasion range rockets with nuclear warheads had been placed in Cuba. Gribkov of Cuba, the senior Soviet troop comited the island prior to the crisis with told the Havana meeting he had vis-

further approval from Moscow. short-range nuclear weapons without mander was authorized to use the

focus of the missile crisis and that could have wreaked devastation on much of the U.S. mainland, could range Soviet weapons that were the vana meeting. When faced with a U.S. naval blockade and the threat of have been fired only with the explicit Khrushchev, Gribkov told the Haauthorization of Soviet leader Nikita In contrast, the intermediate-

See CUBA, A14, Col. 1

## Soviet Tells of A-Arms in Cuba in 1962

## CUBA, From A1

a U.S. invasion of Cuba, Khrushchev agreed to remove the longer-range

The United States did not know of the existence of short-range nuclear we pons at the time, although there the been some intelligence reports there were present. McNamara and other U.S. experts on the missile construction of the short-range atomic there are a statement. Gribkov told participants in the Havana meeting that the short-range weapons were withdrawn after the 1962 crisis.

The short-range "Luna" rockets, known in the West as "Frog" artillery rockets, did not have sufficient range to reach Florida, 90 miles away, but could have been used against invading U.S. forces. After the peak of the crisis had passed but while a U.S. invasion was still being considered, Adm. Robert L. Dennison, then commander in chief of the Atlantic Fleet, asked for permission to equip the potential U.S. invading force with battlefield atomic weapons, but this was denied by McNamara and the Joint Chiefs of Staff.

The atomic warheads on the Soviet short-range rockets had a yield of 6 to 12 kilotons (the equivalent of 6,000 to 12,000 tons of TNT), McNamara said. This is only slightly smaller than the U.S. bomb that destroyed Hiroshima, Japan, in August 1945.

Cuban President Fidel Castro said at the conference that he would have approved use of the short-range nuclear weapons if the United States had attacked the island. "If John and Robert Kennedy were in my place, they would have done the same thing," he told conference participants. However, there is no indication he that Castro would have had any control over the atomic weapons were used, since this was solely at the discretion of the Soviet commander, Gen. Issa Pliyev.

The Havana meeting probably the last in a series of historical reconsiderations by participants in the missile crisis, also included candid admissions from Castro that Cuba has in the past furnished military aid to revolutionary movements around the globe. While acknowledging past interventions, Castro said that no Cuban subversion is being carried out today and that Cuba will not take advantage of social and economic instability by supporting revolutionary movements in the future, McNamara, who headed the U.S. delegation to the conference, said.

American University Prof. Philip Brenner, an expert on Cuban affairs, told reporters in Havana that Castro "articulated a new Cuban foreign policy" by renouncing aid to revolutionary movements abroad.

Special correspondent Craig Nelson contributed to this article from Havana.