

in the world

10 The submarine Nautilus, the first to be powered by atomic energy, was launched ~~at~~ by Mrs. Eisenhower at Groton, Connecticut.

The first lady was very nearly left holding the bottle.

(next)

Nautilus will be The atom engines use up no oxygen and so ~~are not dependent on~~ ~~the amount of oxygen~~

able to stay under the surface far longer than normal submarines. Her ~~undersea~~ ^{speed} ~~of thirty-five miles an~~

25 ~~hour~~ is one of many assets that put the new ship in a class by itself. But that isn't all. Atom engines for surface vessels may revolutionise every navy and merchant fleet in the world.

15 Queen Juliana invited forty war-orphaned children to the eleventh birthday-party of Princess Margræt, her third daughter, who was born in Ottawa during the war. There was no shyness, and a very good time was had by all.

Jan. 21, 1954

Music: American Empire Prelude CL411
Boat Arrival (Mystery Sea Raider) CL332

Klein
Abbott
Non
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EVENTS IN THIS ATOMIC AGE [PART II]

FIRST NUCLEAR POWERED SUBMARINE LAUNCHED

What of the future? -- the atom tomorrow? The question mark formed by the cloud itself poses the problem. Across the world from Australia, in Groton, Connecticut, U.S. A., the Atomic Submarine gives one vital answer. Thousands look in on history. Ready for launching, the world's first atomic-powered ship: the 55-million-dollar Nautilus. A new era, not alone in the atom for defense, but showing the way for potential civilian uses of a tremendous source of power.

A nuclear-reactor power-system, requiring no oxygen -- a reality after long research and development by the U.S. Atomic Energy Commission and private industry. These films illustrate experimentation carried on to control nuclear reaction -- so that a pound of fissionable material is the equivalent power producer of more than 2-and-one-half million ~~lb~~ ^{lb} of coal!

The submarine as we know it today will experience radical change. It will be possible to travel the globe without re-surfacing. At 35-miles-an-hour underseas, the atomic sub will be faster than all but the speediest destroyers. Whether delivering troops to raid enemy shores or firing torpedoes with atomic warheads, it will have previously-unheard-of effectiveness. It is maintained that it renders every fighting ship on the world's seas obsolete.

So revolutionary is the Nautilus; today to be launched with Mrs. Dwight D. Eisenhower doing the honors. First wife of a President

to christen a submarine. Mrs. Eisenhower contributes to a moment that

will endure in the annals of the sea, and in the records of this age of the atom.

Three-hundred feet long--three thousand tons -- bearing a name famed in undersea lore -- the Nautilus proudly slides into the Thames River at Connecticut.

The chairman of the atomic energy commission says the launching is symbolic of two things: atomic thunderbolts of defense, and the good that nuclear power can do for peace. That sums up the impressive debut of the Nautilus!