

**PLAINTIFF'S
EXHIBIT**

WK CC 5040

USS Enterprise Launched:

A nuclear-powered giant, which when commissioned will be the mightiest fighting ship in the world, was christened on September 24 at the Newport News Shipbuilding and Dry Dock Company, Newport News, Va. The USS ENTERPRISE, eighth U.S. Navy vessel to bear that famous name, was floated in the huge submerged Shipway 11 at the James River yard and immediately claimed the title of the world's largest ship.

Nor is it an idle claim. The ENTERPRISE is a ship of superlatives. She can be described only by use of adjectives such as "largest," "first," "most" and "latest." Her electrical generating potential is enough to supply the needs of a city of over 2 million persons. Output of all electronic equipment will equal that of about 300 powerful radio stations operating simultaneously. She will be a veritable "floating city" of 4,600 officers and men, the largest complement ever assigned to a Naval vessel.

Eight Nuclear Reactors

The first vessel designed with more than two nuclear reactors, the 1,101-ft (335.58-m) goliath will be driven by eight pressurized-water reactors. These will be arranged in four dual systems that will turn her four 21-ft-diam (6.4m) propellers.

The reactors were developed and designed by Westinghouse Electric Corporation under the direction of and in co-operation with the Naval Re-

actors Branch of the Atomic Energy Commission. In combination, the reactors make up the world's most powerful atomic power plant.

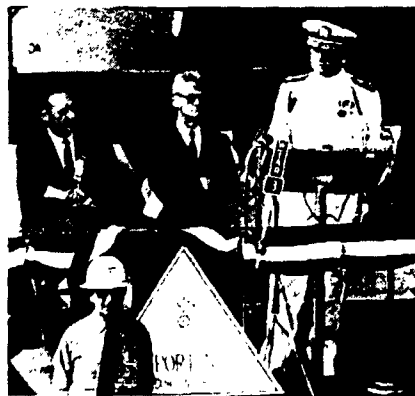
The ENTERPRISE incorporates the latest developments designed to extend air power on the seas. The carrier's nuclear propulsion plant will increase the striking capabilities of the supersonic jet aircraft she will carry. The ship's tank spaces, normally required for carrying fuel in oil-fired carriers, will be available for additional aviation fuels. This in effect will make the successor to the famed "Big E" of World War II the operating equivalent of several conventionally powered aircraft carriers.

Aluminum Used Extensively

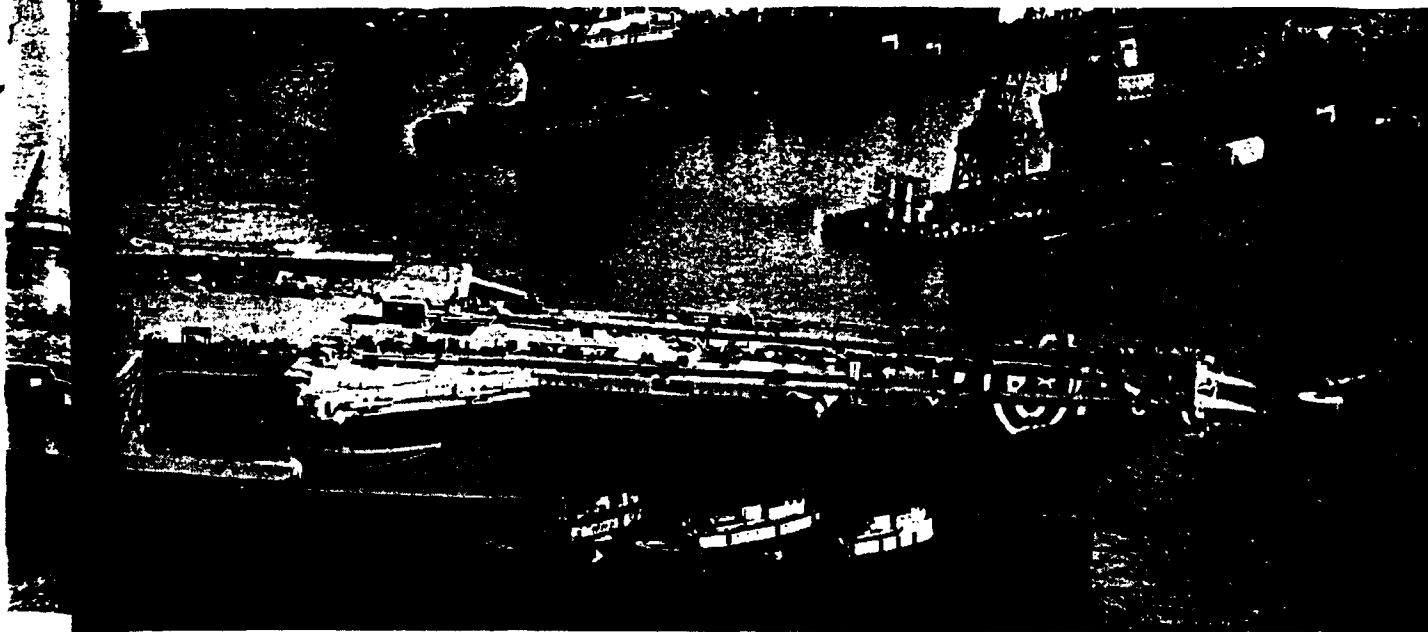
The new supercarrier, equipped with four aluminum elevators and an aluminum dome to house her electronic equipment, along with standard applications, will carry more aluminum than any other fighting ship. Each of the four giant deck-edge elevators, supplied by the Westinghouse elevator division, will be able to lift a 45-ton bomber from hanger deck to flight deck in 15 seconds. The elevator platforms, located three to starboard and one to port along the carrier's 252-ft-wide (76.81m) flight deck, are of all-welded construction in high-strength alloy 5456, developed by Aluminum Company of America. Each platform is 52 ft (15.85m) wide and 85 ft



SPONSORS—Mrs. William B. Franke, wife of Secretary of the Navy, scores direct hit on bow of new carrier.



PRINCIPAL SPEAKER—Admiral Arleigh A. Burke, Chief of Naval Operations, addressing the thousands who attended launching



World's Largest, Mightiest Ship

(25.91m) long, and weighs 105 tons
—a 30-ton saving over steel.

Shipyard "Nuclear-Minded"

The Newport News Shipyard has been a pace-setter for many years. The Company has—with but one exception—been the leading yard in designing every class of aircraft carrier built by the Navy. In 1953, Newport News established a nuclear power design organization, and its activities in this challenging new field have grown at such an accelerated pace that the Shipyard is in the forefront among the world's builders of nuclear ships.

MAJOR SUPPLIERS

Allegheny Ludlum Steel Corp.
Allis-Chalmers Mfg. Co.
Aluminum Co. of America
AMCO Corp.
American Brass Co.
American Laundry Machinery Co.
American Smelting & Refining Co.
American Standard Industrial Div.
Anaconda Wire & Cable Co.
Automatic Electric Co.
Babcock & Wilcox
Baldwin-Lima-Hamilton Corp.
Bethlehem Steel Co.
Bowser, Inc.
Buffalo Forge Co.
C. H. Wheeler Mfg. Co.
Chapman Valve Mfg. Co.
Chase Brass & Copper Co., Inc.
Cla Val Co.
Cleveland Diesel Engine Div., General
Motors Corp.
Cochrane Corp.
Crane Co.
Crucible Steel Co. of America

Facts about the Enterprise

Navy Designation	CVA(N)65
Propulsion	Nuclear
Number of reactors	8
Horsepower, over	200,000
Speed, over	30 knots
Length over-all	1,101 ft (335.58m)
Length between perpendiculars	1,040 ft (316.99m)
Breadth at main deck	133 ft (40.54m)
Extreme breadth at flight deck	252 ft (76.81m)
Depth	229 ft 6 in. (69.8m, 15.24cm)
Depth at C/L flight deck	99 ft 4 in. (30.18m, 10.16cm)
Area of flight deck	4.47 acres
Displacement	85,350 tons
Crew (including air group)	4,600
Number of compartments & spaces, over	3,200
Number of propellers (all 5 blades)	4

Edgcomb Steel Co.
Erie Forge & Steel Corp.
Fairchild Engine & Airplane Corp.
Federated Metals Division, American
Smelting & Refining Co.
G. O. Carlson, Inc.
Garrett Corp.
General Cable Corp.
General Electric Co.
Heintz Division, Kelsey Hayes Co.
Henschel Corp.
Johns-Menville Corp.
Jones and Laughlin Steel Co.
Kearfott Division, General Precision Co.
L. C. Doane Co.
Lake Shore, Inc.
Leslie Co.
Lukens Steel Co.
McIntyre Engineering Co., Inc.
Minneapolis-Honeywell Regulator Co.
Nash Engineering Co.

National Lead Co.
National Tube Div., U.S. Steel Corp.
Okonite Co.
Palmer Electric & Mfg. Co.
Phelps Dodge Copper Products Corp.
Ray Proof Corp.
Reynolds Metals Co.
Selby-Battersby & Co.
Skagit Steel & Iron Works
Straus Duparquet, Inc.
Stromberg-Carlson, General Dynamics
Test Institute Corp.
United States Steel Corp.
Velan Valve Corp.
Vickers Inc.
Walworth Co.
Warren Pumps, Inc.
Westinghouse Electric Corp.
Worthington Corp.
York Corp.
Youngstown Welding & Engineering Co.