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**'New Look' in
Forest Lookout
Towers Developed**

Madison, Wis. - A "new look" forest lookout tower, with interchangeable structural timbers and panelized prefabricated cab, has been designed with the aid of scientists at the U. S. Forest Products Laboratory here, working with engineers of the Forest Service and a Seattle, Wash., firm.

Designed for quick, easy assembly in remote areas to which the timbers and panels can be brought by helicopter if necessary, the tower can be erected in heights from 40 to nearly 100 feet, according to the 1962 annual report of the Forest Service Laboratory just issued here.

The Forest Service plans to build the first tower of the new design, a 63-footer, this year at the Heybrook lookout on the Skykomish district, Snoqualmie National forest, in Washington, according to J. Herbert Stone, Portland, regional forester. If the prototype tower proves successful, the design may be standardized for similar towers on national forests elsewhere in the West.

The annual report also reviews findings in many other branches of forest products research under way at the laboratory, which is maintained here by the U.S. Department of Agriculture.

Report Highlights

Highlights include:
1. A new method of prestressing glued laminated wooden beams that greatly increases their load capacity for floors and roofs.

2. Promise of bigger pulp yields from wood by improved chemical pulping processes.

3. A method of stiffening paper that also makes it less prone to shrinking and swelling with humidity changes—a boon to color printers, paper box makers, mapmakers, and producers of tabulating cards for electronic computers.

4. A low-cost chemical treatment for concrete that kills termites crawling over it. The chemical is incorporated in freshly mixed concrete for house foundations and other structures.

5. New chemicals that have economic promise for making plastics, foams, films, humectants, and other industrial products from low-grade wood now unusable.

6. New knowledge of the chemical nature of lignin, a major component of wood now largely discarded at paper mills.

Besides results of research done by its own staff, the report covers studies done elsewhere for the laboratory under grants of funds. Among these were results of experiments with laser light beams and high-powered water jets to cut and machine wood.

**One of Eight in
Government Jobs**

Washington - (AP) - One out of every eight workers in the United States today is on the federal, state or local government payroll.

Labor Secretary W. Willard Wirtz said Wednesday in a new report that government jobs at all levels accounted for one of every two new non-farm jobs created in the past five years.

The report predicted that government employment should jump by almost 50 per cent during the next 15 years to a total of 13.5 million persons. Most of the new jobs, it said, will be at the state and local level and will be caused by the greater demand for teachers.

About 9.2 million persons were working last year for a state, local or federal government unit, it said.

WANTS CUBAN ACTION

Washington - (AP) - Sen. Roman L. Hruska (R-Nebr.) wants the Kennedy administration to encourage and aid anti-Communist guerrillas in Cuba. Hruska said Wednesday U.S. aid should include "air drops and covert landings of supplies and equipment." He also said the administration should sponsor a Cuban provisional government which would be established at the U.S. Naval Base at Guantanamo Bay.

LOCK-JAW PAYS OFF

London - (AP) - Betty Lock, 35, won 850 pounds (\$2,380) in damages from her dentist Wednesday after she testified he dislocated her jaw while pulling eight teeth.

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