

World's Second Biggest Power Dam Rising as Part of St. Lawrence Project

Editor's note: Following is the second in a series of five articles by United Press Correspondent E. Jackson on the St. Lawrence Seaway project.

By EUGENE S. JACKSON
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Massena, N. Y.—The second biggest power dam in the world is rising in the St. Lawrence river between the United States and Canada.

The work seems routine compared to the transformation of nature taking place nearby.

Construction of the St. Lawrence Seaway and power projects is one of the greatest building programs of all time. The job, now at its peak, is half done and on schedule.

Fifteen thousand workers using \$70 million worth of equipment are gathered around the upstate New York town of Massena and across the river in Canada to build and destroy, destroy and build.

Around the clock, six days a week, with a roar like a thousand bombers, bulldozers, hydraulic jacks, tractors, shovels, draglines, gantry cranes, pile drivers and rock wagons scoop and dig, hammer and drill, dump and lift, lift and drop.

Float Steel Bridge
A steel bridge is floated four miles upstream to provide a closer crossing for workmen. It will be dynamited away. A road is laid to move equipment. Three hours later it is ripped up. A 3,000-foot dam is steel-piled into the river bed. It is only temporary.

Islands are sliced in half. Three islands are made one as if to prove that Humpty-Dumpty can be put back together again.

The long Sault pronounced Soo Rapids, once fearsome and impassable in their sharp 45-foot drop, are dried up. Rocks and old cannon balls lie sunning on the salt.

Next July a great man-made flood will creep across 700 square miles where cattle once grazed peacefully beneath the elms. Seven Canadian towns will be buried forever—but not wiped off the map.

The 6,500 people who lived in them will have been moved with all their possessions to new towns with new houses, churches, schools and shops. The man who could not part with the old homestead will see his house placed on a U-shape trailer and rolled 10 miles away, plunked down without so much as a spilled glass of water, next to his lifelong neighbor.

Move Farm Families
Two hundred and 25 American farm families will have been moved out, and bulldozers and government-paid "arsonists" will have leveled and burned everything more than two inches across or a foot high.

The Seaway is not only construction. It is destruction of Ernie's service station and the Caribou tea room in Aultsville (population 450). Lloyd Davis will get a new filling station in New Iroquois; school teacher Edith Render, a modern bungalow to replace the old home in what already is a ghost town of tumbling houses with torn blinds and smashed windows.

Even the dead must be moved to make way for the new 35-mile lake. Behind green canopies, the presence of clergymen.

Lana Turner Granted Divorce From 'Tarzan'

Hollywood—Screen star Lana Turner Monday was granted an interlocutory divorce from her movie Tarzan husband, Lex Barker, after she testified he had an "uncontrollable temper" and hit her in the face during a breakfast table argument.

The screen siren, dressed in a black shantung silk suit and obviously under great nervous strain, told Judge Edward R. Brand in Santa Monica Superior court that Barker had been something less than a gentleman at times while in her company.

Miss Turner, 37, said her husband engaged in frequent arguments with her "and had an uncontrollable temper which he showed too many times."

On one occasion during an argument at the breakfast table Barker hit her in the face, she said.

Rainier's Father Denies Kidnap Rumor

Ostaad, Switzerland—Prince Rainier's father said Monday reports of a threat to kidnap six-month-old Princess Caroline were "false rumors."

"If Prince Rainier had received any anonymous letters threatening my granddaughter, Princess Caroline, I, as a grandfather, would be much less calm than I am this morning," the Prince of Polignac said.

Reports from Switzerland published in the United States said Prince Rainier and Princess Grace had received unsigned letters threatening the kidnaping of their daughter.

Palace officials at Monte Carlo said they knew "nothing whatsoever" of such letters.

workmen dig up coffins and tombstones to place Lefevre next to McDonald again five miles inland.

In a project unique in international annals, Canadians meet Americans from Oregon and Arkansas at midstream. Each is building half of the 3,300-foot power dam. For the new high-level Roosevelt International bridge, the United States will build the superstructure, Canadians the substructure.

Pool Resources
For the St. Lawrence power dam, the New York State Power Authority is throwing in \$335 million, and the Ontario Hydro Electric Power Commission the remainder to develop 1,800,000 kilowatts for upstate New York, Ontario, Quebec and Vermont, an output second only to Grand Coulee.

On the Seaway itself the U. S. St. Lawrence Seaway Development Corp., with money borrowed from the U. S. treasury, is building two locks 800 feet long,

80 feet wide and 30 feet deep, named for President Eisenhower and the nearby Grass river. They can lift a 25,000-ton ship 45 feet in eight minutes. The United States also is constructing the Long Sault canal, 10 miles long and 442 feet wide.

Upstream it is dredging the channel and removing shoals in a 68-mile stretch of the Thousand Islands. Total U. S. cost: \$140 million to be repaid in 50 years through tolls collected from ships using the Seaway.

Opposite Massena, the Canadians, through their own seaway authority, were 90 per cent done in July with their incoque lock and canal. Downstream toward Montreal they are building two locks at Lachine and two at Soulanges and depending the channel to the standard 27 feet at Lake St. Louis.

Improve Old Canal
To the west, Canada is deepening and widening seven locks of the old Welland canal, which bypasses Niagara Falls in Canadian territory to link Lakes On-

tario and Erie. Total cost to Canada: \$285 million.

The American locks will be ready next July, but it will be April, 1959, before Canada finishes work downstream and the new Seaway opens with only seven locks where once there had been 21.

Men are making this engineering miracle, but it is the machines which today make the project a 3D "spectacular." Three hundred thousand side-walk superintendents a year visit the construction site; in later years tourists will drive through a tunnel beneath Eisenhower lock.

The visitors of tomorrow will see ships instead of "the gentleman," a million-dollar dragline with a scoop large enough to hold 12 men or a pick-up truck. Where today there is dirt—enough to fill a trainload of box-cars which would reach 25,000 miles around the equator—tomorrow there will be water.

Tomorrow: The lakes have "seaway fever."

Salt Lake Rock Moving Job Starts

Little Valley, Utah—Power shovels and trucks Monday began the months-long job of dumping into Great Salt Lake the three million tons of rock cracked from a cliff here by the nation's largest non-atomic explosion.

The rock will become the wave-proof facing of a 13-mile earth fill structure being constructed across the northwest arm of the lake by Southern Pacific Railway to replace an obsolete wooden portion of the Lucin Cut.

When the \$49 million job is completed in about four years, continental trains can cross the lake faster and safer.

The explosion Sunday was one of superlatives. There were 1,790,000 pounds of explosives packed into tunnels at the base of the 200 foot quartzite rock cliff. Previous non-atomic record holder for blasts was 1,362,000 pounds used on a Tennessee TVA dam in 1949.

When the explosives—a combination of dynamite and nitrate fertilizer with a punch 1-37th that of a "nominal" atomic bomb

Tuesday, July 23, 1957

MEDFORD (OREGON) MAIL TRIBUNE—SEVEN

Teenagers Dance Hall Permit Is Approved

A dance hall permit for Earl Neeley, Ashland, was approved Monday morning by the Jackson county court.

Neeley is operator of "The Playland," 1955 Highway 65, which he has planned for use of teenagers. An Italian restaurant adjoining the dance hall will open this week, he said.

The hall is open from 6 to 11 p.m. and boys must wear slacks and dress shirts and girls dresses, Neeley told the court.

GREAT PROFILE GREATEST

Hollywood—Veteran actress Mary Astor, who stars Wednesday night on "Climax," on CBS-TV, says John Barrymore was the screen's greatest as far as she's concerned—the greatest lover and the greatest wit. "Before the cameras he doubled me backward with his ardor, and behind them he doubled me forward with his jokes," she said. "I got a little lumbago and a lot of laughs."

—went off, they loosened two million cubic yards of material.

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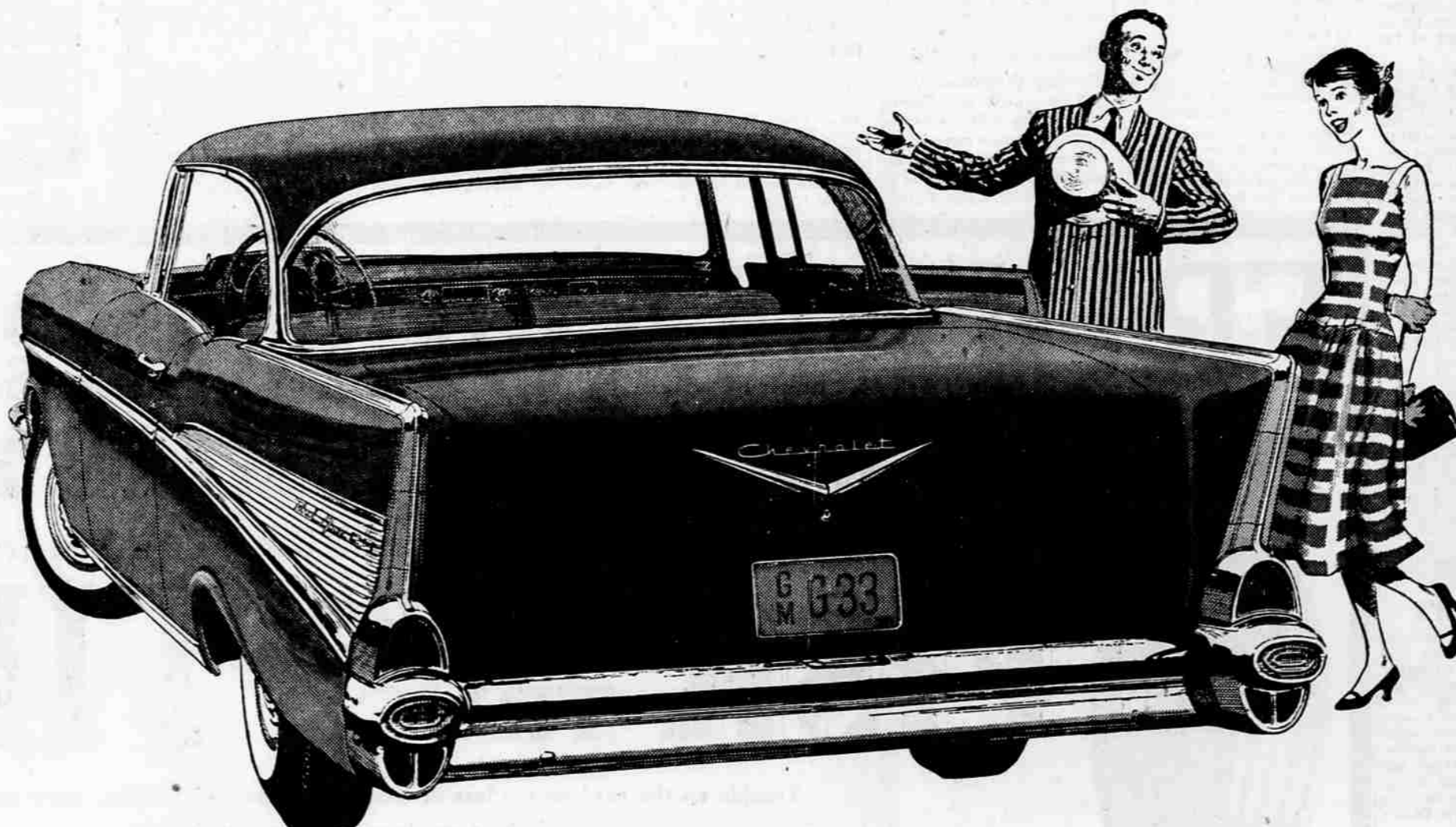
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