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STADIUM

NOW — ENDS SAT.
Frank Sinatra in
"JOHNNY CONCHO"
— and —
Ray Danton
Leigh Snowden
"OUTSIDE THE
LAW"

SUN. — MON. — TUES.
Sal Mineo and
James Whitmore in
"CRIME IN THE
STREETS"
— Together with
Sterling Hayden
Marie Windsor
"THE KILLING"

GRAND

FRI. — SAT. — SUN.
Burt Lancaster in
"JIM THORPE,
ALL AMERICAN"
— and —
"SOUTH SEA
WOMAN"
In Technicolor

Garden Tools Stolen

Some eager gardener stole four pairs of pruning shears were stolen from the Megraw Nursery, 1970 Pacific Coast Hwy., Lomita, William P. Megraw told sheriff's deputies Sunday. Entrance was gained by prying the lock off the door.

HARBOR 125
DRIVE-IN
TEATHEATRE
13322 50 VERMONT AT SEPULVEDA
Wednesday thru Saturday

THE GREAT
LOCOMOTIVE
CHASE

Dakota
Incident

WALT DISNEY'S
DAVEY CROCKETT
AND
THE RIVERPIRATES

ABBOTT — COSTELLO
MEE-

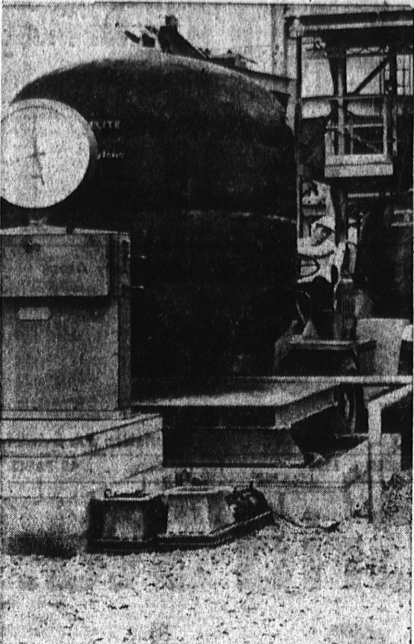
**City Water
Manager to
Talk Tonight**

Angus E. McVicar, superintendent of Torrance Municipal Water District, will be the guest speaker at the North Torrance Civic Improvement Assn. meeting tonight at 8. He will discuss the various facets of his water district including its operation and basis for charges and how they compare with the operations and charges of neighboring cities.

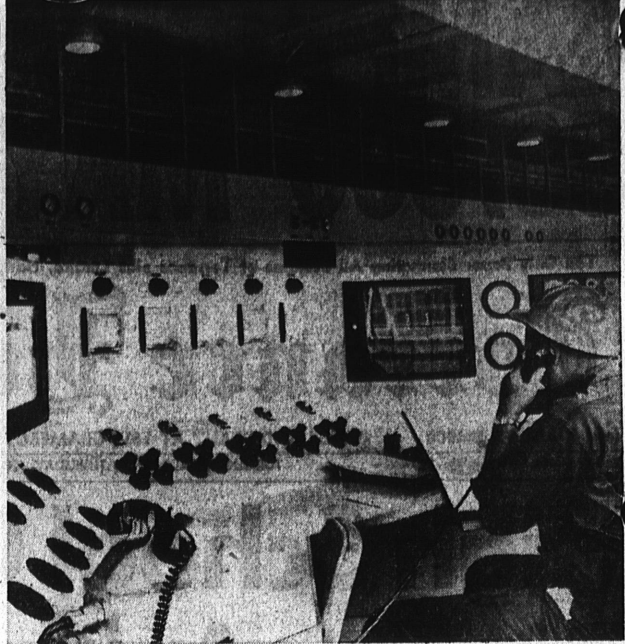
John Crain, vice president and program committee chairman of the NTCIA, states that McVicar is the first in a series of speakers.

"Each month we will have a guest speaker from one of the departments of the city of Torrance. We know that the homeowners of North Torrance will find our meetings both interesting and informative," Crain said.

Planning Commission member John Mulvihill is slated as "Chairman of the Day." All homeowners and residents of North Torrance are invited to attend the meeting of the NTCIA, held the first Thursday of every month at McMaster Park Hall, 3624 W. 174th St.



NEW SHIPPING MEANS . . . more than 9,000 pounds of polyethylene plastic resins can be shipped in one of these huge collapsible rubber bags from the plant of Carbide and Carbon Chemicals Co. here. This method of handling in bulk eliminates more costly and time-consuming packaging. Bags are put directly on trucks or freight cars.



AUTOMATION EFFECTED . . . at the polyethylene production unit of Carbide and Carbon Chemicals Company's new plant here, automation has been developed to a fine point. From this console-like panel one man can control the entire process for making Bakelite polyethylene plastic resins. Polyethylene plastics are familiar in forms varying from film for wrapping fresh fruit and vegetables to non-breakable housewares and squeeze bottles.

New Carbide Plant Shown Local Leaders

Automation to an advanced degree is revealed this week with the formal presentation of Carbide and Carbon Chemicals' fabulous new Torrance facility to the press, industrial representatives and the families of the company's employees.

Here for the open house events are top officials of Carbide and Carbon and its affiliate Bakelite, including D. B. Benedict, president of C and C, and G. C. Miller, president of Bakelite.

First preview Tuesday was given press representatives in

an escorted tour under the direction of C. Nelson Rucker, plant superintendent, followed by a reception and luncheon at the Portuguese Bend Club. The newsmen were given a briefing of the plant's intricate operations prior to the tour by Rucker who paid high tribute to C. R. Schenider and H. L. Weaver, assistant superintendents, for their part in bringing the plant into full production.

350 Employed
"We now have 350 persons employed, and we are very happy with the quality of personnel we have been able to assemble in this area," Rucker stated. "These employees were selected after careful screening and we think we have a very happy, loyal and conscientious family of employees."

In explaining the processes employed in producing the company's product, Nelson emphasized the importance of location directly adjoining General Petroleum's huge refinery which supplies the refinery gases used in producing from ethylene and polyethylene streams circulating throughout the various divisions of the plant.

Safety Stressed
Safety and cleanliness are stressed at Carbon and Carbide, the newsmen learned Tuesday. Thus far the plant has operated 305 days without a single accident. Premises are neat as a battleship and expensive control facilities eliminate all pollutants.

Principal end products of the local plant, the only one of its kind on the West coast, are glycol ethylene solutions for use in Prestone and other anti-freeze, and polyethylene pellets, basic ingredient for plastics.

Like Torrance
President Benedict will receive more than 500 representatives of major Pacific Coast industries that use chemicals and plastics for a specially conducted tour today. "Southern California was

chosen as a site for Carbide's first petrochemicals plant on the West coast," according to Mr. Benedict, "because of its nearness to raw materials and expanding markets. Here at Torrance," he continued, "we are fortunate in having a substantial community with fine neighborly spirit in which to carry on our operations and produce these important chemicals and plastics."

On 140 Acres
The Torrance plant, located on a 140-acre site, consists of highly specialized equipment unlike anything in the area. Conversion of petroleum gas into chemicals is carried on in tanks, towers, and miles of pipe. Much of the gas is brought in from the neighboring General Petroleum Co.

Production processes at the Torrance plant are largely controlled by automation and continue on stream 24 hours a day. The employees are all hired locally except for a small management staff. Safety for employees is assured by the most modern safety and fire protection devices and intensive safety training programs, continuing inspections of equipment and work areas. Similar measures have reduced lost time in other Union Carbide chemical plants to less than 40 per cent of that in industry as a whole.

Costly Controls
Of special interest to people in this area, Mr. Benedict said, is the company's positive approach to the problem of air pollution. Accordingly, from the time plans for the Torrance plant were drawn, Carbide and Carbon Chemicals Co. has followed recommendations made by the Los Angeles Air Pollution Control District in regard to installing devices that dispose of unused gases without polluting the air.

"We have invested \$2 million more than would be usually required in equipment to avoid air pollution," Mr. Benedict said. The company has received the benefit of the APCD's program, which in-

cludes recommendation of design and specifications as well as final inspection of installations.

Petrochemicals Plant

Supt. Rucker pointed out that this is a petrochemicals plant, petrochemicals being defined as chemicals using petroleum gases as their raw materials. In the field of petrochemicals Union Carbide was one of the early pioneers. The petrochemicals industry stemmed from the original work of Carbide's research leader, Dr. George O. Curme, Jr., in 1914. Production of chemicals from the ethylene fraction of petroleum came in 1920 as a result of these studies. Today more than half the value of all chemicals is of petrochemical origin. Traditionally, the petrochemicals industry output has doubled every five years. All indications point to a continuation of this rate of growth.

For the opening events a huge plastic circus tent has been erected where scores of products well known under their trade names are on display with circus-wagon backdrops. Company representatives refer to it as "the largest plastic greenhouse in the world."

**Steel Plant
Notes 40th
Anniversary**

Forty years ago the first heat of steel was tapped at United States Steel's Columbia-Geneva division plant at Torrance.

At that time the plant was known as the Llewellyn Iron Works and consisted of two 40-ton hearth furnaces plus a steel foundry and several finishing mills. Today four 60-ton open hearth furnaces produce steel on a 24 hour basis. Only employes still at the Torrance works and present at the first pouring of steel is Albert Sarukian, who was an open hearth laborer at that time.

Sarukian, a native of Armenia, who came to the United States in 1913, participated in the 40th anniversary informal ceremonies at the Torrance plant.

He expects to retire shortly and says he plans to visit relatives next year in Leninak, USSR, Armenia. He lives with his wife at 736 Sartori Ave.

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