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## Tanker search suspended

PHILADELPHIA (AP) — The U.S. Coast Guard suspended its search last night for 11 persons missing in the wake of fiery explosions that tore through a docked Greek oil tanker here.

One crewman is known dead and 25 others were injured in the Tuesday night fire.

A Coast Guard spokesman said it would be impossible to search the area around the still smoldering ship until Saturday. He indicated that hope has all but ended that the seven crew members, a woman and her three children would be found alive.

"It's a pretty small area to search," the spokesman said, "and we haven't turned up anything."

The explosions, which ripped paneling off a wall in a New Jersey police station four miles away, split the 650-foot tanker *Elias* in half.

The bow and stern settled separately on the bottom of the Delaware River.

The *Elias* was unloading asphaltic crude oil at Atlantic Richfield Co.'s

south Philadelphia terminal when the explosions occurred. An ARCO spokesman said the ship began unloading 216,000 barrels of the crude on Monday, and was due to complete the task at midnight Tuesday. The first blast occurred at 9:50 p.m. Tuesday.

The spokesman said the oil, used primarily to manufacture asphalt, was not as dangerous as some lighter oils. "It will burn," he said. "I guess, given certain conditions, it could explode."

Philadelphia Police Commissioner Joseph O'Neil said the ship's manifest showed there were 33 crewmen on the vessel, along with five visitors and a security guard Tuesday night.

He said among the missing were the ship's captain, Andreas Antoniadis; his cousin, Mrs. Matina Mentis, 50, of Baltimore, Md.; and her three daughters, JoAnn, 18, Maria, 19, and Georgeen, 13.

A family spokesman in Baltimore said

Mentis and her daughters drove to Philadelphia Tuesday to visit the captain on the ship. They had not been heard from since.

The police commissioner also listed as missing six crewmen: Nikolaos Andoniou, Huyseyin Aksu, Warra Elhadidi, Enver Mehini El, Konstantinos Sperioliotis and Antonios Zabelis.

The Coast Guard earlier had put the number missing at eight.

The body of the dead crewman was found floating in the river. He was identified as Ghebrebedhn Desta, 19, of Ethiopia.

The *Elias* burned out of control for about two hours, its cargo of flaming oil spilling onto the river.

Atlantic Richfield said 202,700 of the 216,000 barrels had been unloaded when the first explosion occurred, leaving 13,000 barrels unaccounted for. However, the Coast Guard estimated that more than 98 per cent of the missing oil was consumed by fire.

There were conflicting reports as to

who owned the ship. The Coast Guard said the 20,000-ton vessel was owned by Sifnonav Shipping Co. of Greece. A spokesman for Charles Kruz, the tanker's Philadelphia-based shipping agent, listed the owner as Eletons Maritime Corp., also of Greece.

"Everything happened very quick," said Joannis Soteris, a 25-year-old Greek crewman who was in the engine room when the ship blew up. "I grabbed a rope and got out like a monkey."

Telephone operators in Trenton, N.J., 36 miles away, reported they thought there had been an explosion in that city. In New Castle, Del., some 35 miles away, residents reported their houses shook from the percussion.

Soteris said the first thing he wanted to do was call his wife and tell her he lost his wedding ring in the explosion. He said he wanted to tell her he had lost dresses and toys he brought for "my babies" back home.



Final decision

GOLDA MEIR RESIGNS as Israel's premier. She says her decision is final.

## Meir resigns as Israel's premier

JERUSALEM (AP) — Golda Meir informed her Labor party yesterday she is resigning again as Israel's premier and said this time her decision is final. "I have reached the end of my road," the 75-year-old grandmother told an assemblage of party leaders in a room in the Knesset, Israel's parliament, attended also by newsmen.

She added that her decision will bring down the entire government and that she was sorry for this.

Mrs. Meir said she would formally render her resignation today at a meeting of the Cabinet. Party officials said this means new elections would follow, but probably not until August, and that Mrs. Meir is expected to stay on in a caretaker capacity until then.

If she does stay on, Mrs. Meir or at least her foreign minister, Abba Eban, would be available for conferences with United States Secretary of State Henry A. Kissinger who is expected here soon in another effort to settle the Israeli-Syrian conflict on the Golan Heights front.

The resignation comes in the midst of a dispute in Israel over the fixing of blame for Israeli unawareness of the possibility of an Arab attack last Oct. 6. The attack began what became known as the Yom Kippur war.

Mrs. Meir resigned March 3 in a dispute over the same issue but agreed to come back to her job. At that time she had been ill with the shingles, a nerve disorder.

She told her party comrades yesterday, "Don't try to change my mind."

Mrs. Meir's present coalition government includes a Labor alignment, which is a merger of various Socialist groups. It includes Defense Minister Moshe Dayan, who leads a wing of Mrs. Meir's Labor party. Others in the coalition are the National Religious party, the Independent Liberal party and a grouping of Arab politicians representing Arabs who live in Israel.

The resignation left doubt over Dayan's future. A war enquiry forced chief of staff Lt. Gen. David Elazar to resign and avoided blaming Dayan for Israel's unreadiness to fight last October.

Labor party leaders said Finance Minister Pinhas Sapir seemed the most logical successor.

The resignation becomes formal only when she announces it to President Ephraim Katzir, Israel's ceremonial head of state, who then could ask any powerful member of parliament to try to form a new government within 21 days, to head off an election battle.

## Nixon visits Michigan on campaign tour for Sparling

SANDUSKY, Mich. (AP) — President Nixon took the burdens of Watergate to the campaign trail for the first time yesterday and got a generally friendly reception from a heavily Republican farm area.

But even here, Nixon was greeted by demonstrators who apparently prompted him to address a crowd of several thousand through the open roof of his bullet-proof limousine. A special platform had been prepared for him.

The tour was made for James Sparling, a Republican congressional candidate who invited Nixon, but who said he would not hesitate to vote for impeachment if the facts warranted.

Republican leaders said afterward they believed it had helped Sparling, but local Democrats claimed the visit could bring home Watergate to local voters and help elect a Democrat to Congress for the first time in 40 years.

Everywhere Nixon went during the 57-mile motorcade that rambled through Michigan's "Thumb," he was greeted by cheering crowds that outnumbered and outshouted protesters calling for his impeachment.

When the President spoke, it was on issues with appeal to the area.

At the Tri-City Airport between Saginaw and Bay City, he told an estimated 5,000 persons that the

Democratic-controlled Congress was holding up programs that might help the area's sagging auto industry.

In the countryside, where navy beans and sugar beets are the principal providers, Nixon promised to send federal energy chief William E. Simon to try to alleviate local fertilizer shortages.

And in Saginaw, he reemphasized to a predominantly white audience his opposition to school busing and to any interference with local schools.

He greeted Air Force Capt. Robert Abbott of Deckerville, Mich., and said: "For the first time in 12 years we have peace. For the first time in 25 years not one young American is being drafted. Every American is home where he belongs, not in a prison camp in Hanoi."

There were demonstrators at every stop, particularly in Sandusky. They waved placards with such legends as "Impeach the Thief," "Nixon Coddles Criminals" and "Jail to the Thief."

In Saginaw, as Nixon leaned from the top of his white Buick convertible to shake hands with well-wishers, protesters behind them began shouting "Pay Your Taxes." The car speeded up as it passed the boozing section of the crowd.

## Boyle trial arguments end

MEDIA, Pa. (AP) — Final arguments were completed yesterday in the murder trial of former United Mine Workers President W. A. "Tony" Boyle, accused of masterminding the assassination of union rival Joseph "Jock" Yablonski.

The case was to go to the jury of nine men and three women today following a charge by Judge Francis Catania of Delaware County Common Pleas Court. Catania turned down a defense motion for a directed verdict of acquittal.

In his summation, Special Prosecutor Richard A. Sprague told the jury that Boyle was a cunning man who had lied on the witness stand and that it had a clear duty to convict him of first-degree

murder. Anything less, he said, would be an outrage.

"Your duty is clear," Sprague said, shaking his finger at the defendant who sat unmoving throughout. "There will have been no success in solving the assassination of Joseph Yablonski, of Margaret Yablonski and Charlotte Yablonski if it fails to reach the originator of the assassination itself, W. A. 'Tony' Boyle."

Sprague, who already had obtained four murder convictions and three pleas of guilty to murder in the case, said "the machinery of law enforcement had proceeded step by step, slowly and surely unraveling a trial that reaches a

pinnacle in this courtroom."

Charles F. Moses, Boyle's chief defense counsel, attacked the credibility of the prosecution's principal witness and said the state had failed "to prove beyond a reasonable doubt" that his client was guilty.

In his closing summation, Moses hit hard at William Turnblazer, a lawyer and former president of the Union's District 19 in Middlesboro, Ky.

Turnblazer, 52, the key prosecution witness, was the only man to link Boyle directly to the killing.

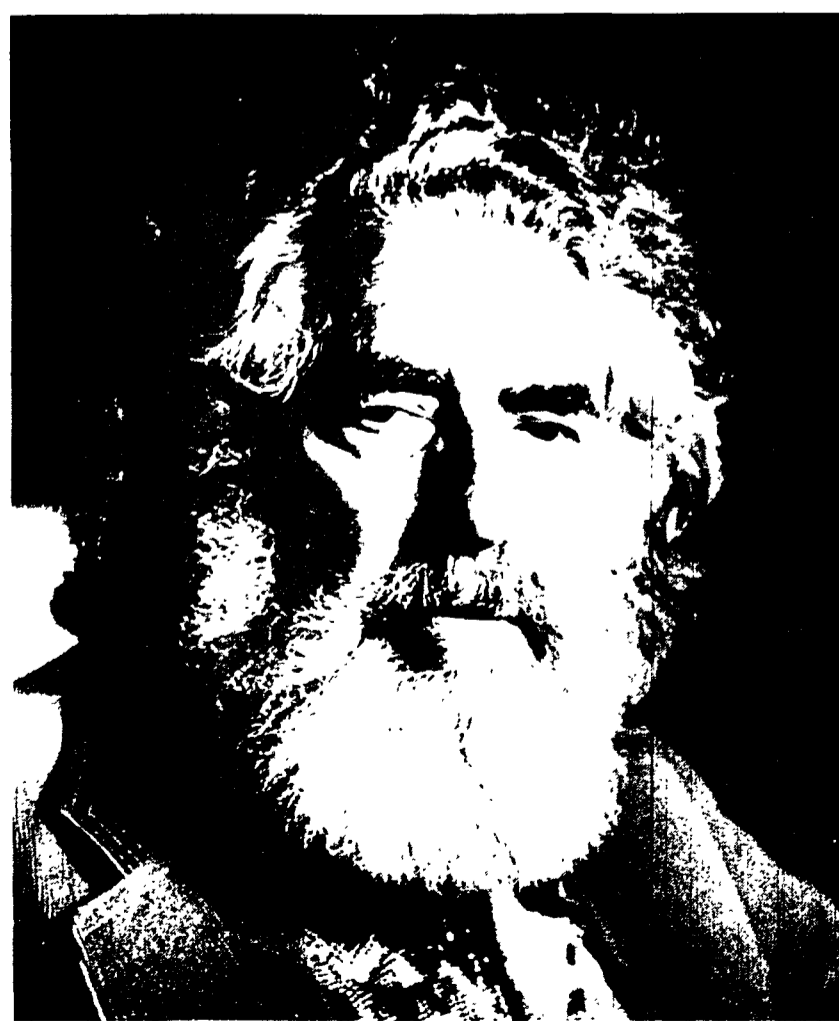
"Turnblazer is not a responsible witness who can be believed," Moses said. "It is important that you know

what kind of person you have been dealing with. Turnblazer admitted to perjury, embezzlement, making false reports, conspiracy to murder and lying to the FBI.

"In my judgment, Turnblazer cannot be trusted," Moses said.

## Weather

Mostly sunny and warmer today, high 59. Tonight increasing cloudiness, low 44. Tomorrow mostly cloudy and warm with a few showers and possible thundershowers, high 64.



Light show

GERALD B. EWING spoke in Schwab Auditorium last night on "The Art of Lighting." His talk was illustrated by live dance, slides, lighting, demonstrations and music.

Photo by Steve McCurry

## ILLUMINATING

### Lecture, demonstrations light up Schwab

By JEAN LAPENNA  
Collegian Staff Writer

Architectural design and lighting should create the right type of environment for those who use it, said Gerald B. Ewing, noted international authority on lighting and color theory. Ewing lectured on "The Art of Lighting" to an audience of about 200 last night in Schwab.

"Our visual system was developed to see an object in space," Ewing said. "There is nothing real about this; it is a configuration of the mind."

"The reality we work with in design is visual reality, not physical reality," he explained.

It is important that the designer see this difference. Although he is working with form, light and color, he must look beyond objects to see their visual effect

in creating an environment, Ewing explained.

Ewing said it is natural for the average person to think in terms of objects, "but artists have to expand their perception to include color tonality."

"The purpose of architectural design is to create an environment," he said. "Vision is the most powerful element in doing this."

"Before an architect starts to design, he must have a mental image of what he wants to create."

The architect then realizes this visualization of color tonality through the use of controlled lighting, he said. This is achieved both through the control of light from its source and its reflection from surfaces.

Most of the presentation was devoted to a series of demonstrations showing how variety and aesthetic appreciation

of the environment can be increased through the dynamic use of light and color.

"Variations of light in the environment are of the utmost importance," Ewing said. "The static atmosphere we get in most architecture gives a feeling of depression."

Instead, an environment rich in color, form and variations in lighting direction and intensity is more cheerful to live in. Ewing explained that our environment can do a lot to enhance human emotions.

To emphasize the great variety that can be obtained Ewing presented a short film of a small river. Shot from many angles the river was seen under different lighting conditions in many different forms.

In another demonstration of the effects of a variety of lighting on objects, a large white cube was slowly illuminated

by a series of lights.

"We're not lighting just the cube, but the whole space," Ewing explained. "This compares to the architectural lighting of space and people."

During the second half of the program a series of dances was performed, coordinated with music and lighting. Included were "Mystique," choreographed to Rimsky-Korsakov's Scheherazade, and six Rumanian dances, performed to Bartok's music. Alternated with the dances were lighting demonstrations. As the stage was illuminated by various colors, Sibelius' "Valse Triste" and Debussy's "La Mer" were played.

Ewing will speak with students 10 a.m. today in Engineering A. Those interested should go to the architectural engineering department and ask for directions to the lighting lab.