INDO ietnam River Fish Laid to Defoliant

By RICHARD D. LYONS Special to The New York Times

WASHINGTON, April 5 and shellfish in Vietnamese animals such as guinea pigs.

fessor of biochemistry, and Robert Baughman, a graduate student, reported that they had detected dioxin, a contaminant part of the herbicide known as 2.4.5.T in a variety of fish and made public here by the Construction of the Benta of the waters. The rivers drain areas in report, on which 45,000 tons of "agent" Dr. Me. orange," containing the herbiin "a nasy poison that is 100 1962 and 1970 to reduce forest liest nerve gas" and had aded cover for Communist forces.

Dioxin is known to cause birth defects in animals and, in theory, may have the same effect on humans, but Dr. Meselson said in a telephone interview that it was not known what effect it has had or would have on people in South Viet-

"No massive problem has been seen there in public health but it either might occurred on a very small scale

or is yet to build up," he said.

Two Harvard biochemists have The researchers reported that the collection that either it seems Dong Nai and Saigon Rivers found that a component of a a catfish had the highest of collect in the tissues or its and on the coast of Can Gio, defoliant chemical used by amount of dioxin — 814 parts effects do. United States forces in South per trillion - which, they said,

Dr. Matthew Meselson, a pro- al Health in Chapel Hill, N. C.,

were sprayed between times more toxic than the dead-

ditional troublesome qualities. The samples of marine life The samples of marine life These, he said, are that it re-that the Harvard biochemists mains stable in an environ-lected a year later along the

For at least four years, ques-

restricted the use of "agent sent a letter to William D. orange" in 1969 to South Viet-Ruckelshaus, Administrator of 2,4,5-T, in a variety of fish and shrimp caught in South Vietnamese rivers and coastal mediate comment on the dioxities in mice and rats.

Vietnam has contaminated fish would be a lethal dose for some the safety of using 2, 4, 5-L the herbicide assessment com-The research was started by Dioxin apparently is formed in mission of the American Aswaters and they say it may research was presented on Mon-pose longterm hazards for the day to a meeting at the Na-tively little is known about the supported by that group, the Ford Foundation and the Na-

findings.