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(RADIATION)

TWO--TWO JAPANESE FISHING BOATS WHICH SAID THEY WERE OUTSIDE THE 400-MILE BANDED AREA WHEN THE SECOND U. S. HYDROGEN DEVICE WAS EXPLODED IN THE PACIFIC MARCH 26 ARRIVED IN PORT TODAY WITH CARGOES OF RADIOACTIVE TUNA.

HEALTH OFFICIALS ORDERED PARTS OF BOTH CATCHES DESTROYED. NONE OF THE FISHERMEN FELT SICK AND IT WAS NOT IMMEDIATELY KNOWN WHETHER "HOT" DUST FROM THE HYDROGEN EXPLOSIONS SHOWED THE BOATS, THE SHONO MARU AND THE KAIYUKU MARU.

JAPANESE HEALTH EXPERTS BEGAN AN INVESTIGATION TO LEARN WHY THE TUNA WAS CONTAMINATED.

TWO WELFARE MINISTRY OFFICIALS ARMED WITH GEIGER COUNTERS CRAWLED OVER THE 20-TON CATCH BROUGHT BACK BY THE SHONO MARU AND FOUND SIX FISH RECORDING FROM 60 TO 1200 COUNTS A MINUTE.

ABOUT 45 A MINUTE IS CONSIDERED THE MAXIMUM FOR HUMAN SAFETY.

THEY ORDERED THE ENTIRE CARGO BANDED FROM SALE, BUT LATER RELEASED SOME OF THE TUNA.

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ABOUT ONE THIRD OF THE 20 TONS OF TUNA CAUGHT BY THE KAIYUKU MARU WAS ORDERED THROWN AWAY WHEN IT RECORDED MORE THAN 100 BEATS.

PARTS OF BOTH BOATS ALSO SHOWED RADIOACTIVITY. THE SHONO MARU LANDED THIS MORNING AT SHIMIZU, SOUTHWEST OF TOKYO, WHILE THE SECOND BOAT DOCKED IN TOKYO HARBOR.

THE SKIPPER OF THE SHONO MARU, MASAO TOKOYAMA, SAID HE WAS SAILING FROM MARCH 17 TO 21 ON A COURSE CLEARLY OUTSIDE THE BANNED AREA.

THAT AREA WAS TRIPLED IN SIZE AFTER 23 JAPANESE FISHERMEN WERE BURNED BY ATOM DUST FALLING FROM THE MARCH 1 EXPLOSION. SOME OF THE TUNA ABOARD THEIR BOAT, THE FUKUYU MARU, WAS SOLD BEFORE IT COULD BE IMPOUND.

A THIRD MAJOR HYDROGEN DEVICE WAS DETONATED AT THE PACIFIC PROVINCE CROSSING APRIL 6. ANNOUNCEMENT OF THE LAST EXPLOSION WAS RECEIVED CALMLY IN JAPAN.

4/8--GIBSON

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32

BIKINI

TOKYO (AP)-A JAPANESE FISHING BOAT APPARENTLY EXPOSED TO RADIATION FROM THE SECOND U.S. HYDROGEN EXPLOSION AT BIKINI MARCH 26 RETURNED HOME TODAY WITH A CONTAMINATED CARGO OF TUNA, KYODO NEWS AGENCY SAID.

GEIGER COUNTERS SHOWED RADIOACTIVITY ABOARD THE VESSEL WAS JUST BELOW THE DANGER POINT BUT ITS CARGO OF 13,000 POUNDS OF TUNA WAS REPORTED DANGEROUSLY RADIOACTIVE.

KYODO SAID THE 44 CREW MEMBERS CAUSED A COUNTER TO REACT SLIGHTLY, BUT THE NEWSPAPER ASAHI SAID THERE WAS NO REACTION.

THE SHIP FISHED IN THE BIKINI AREA FROM MARCH 17 TO MARCH 31, BUT THE CAPTAIN SAID HE NEVER WAS INSIDE THE GREATLY EXPANDED DANGER ZONE SURROUNDING THE TEST AREA. BEST COPY AVAILABLE

CREWMEN SAID THEY SAW NO EXPLOSION AND THE SHIP WAS NOT SHOWERED WITH RADIOACTIVE ASH, AS WAS THE LUCKY DRAGON WHICH RETURNED WITH 23 SERIOUSLY INJURED CREWMEN AFTER THE MARCH 1 EXPLOSION.

THE WELFARE MINISTRY LATER SENT INSTRUCTIONS TO RELEASE FOR MARKETING ALL TUNA FOUND TO BE SAFE, INDICATING THAT NOT ALL OF THE TUNA WAS CONTAMINATED.

ASAHI ALSO REPORTED PROFESSORS AT HOKKAIDO UNIVERSITY, NEAR SIBERIA, AS SAYING "RADIOACTIVE SNOW" FELL IN SAPPORO ON APRIL 2.

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33