simulators Submarines and

October 24.

fully endorse his opinions (October ulators in training submariners and Ross's letter regarding the use of sim-Sir,- I read with some interest M1

cepted. This is witnessed by the number of high fidelity dynamic simother fields is rapidly becoming acand its effectiveness for training in accepted means of air crew training tion industry is a well proven and developed, for production personnel ulators currently in use, or being training for North Sea oil production platforms. The use of simulators in the avia-

can easily be duplicated with micro chip technology, the only limitation being how much money the Admiral-The systems used on a submarine

aircraft pilot, or submarine comused for training purposes but perforso rightly observes, the "Perisher" validated. Given the will, as Mr Ross mander, can be assessed and mance, be it of production operator, ty is prepared to spend.

Not only can such simulators be gether with such worthy naval with its attendant risk to our fishing gang, and the rum ration vessels could be a thing of the past totraditions as keel-hauling,

58 Great Northern Road H. Scott Smith,

> COLLISION WITH NUCLEAR WASTE DUMP reace News

west of Land's End. It burst waste British waters before entering the and then spent five months touring containers, contaminating its hull nuclear waste dump 175 miles south-Last September, a US Possidon nuclear submarine collided with a Clyde for a clean-up. US Navy base at Holy Loch on the

burn, first attracted attention when it appeared at Holy Loch in mid-January. The Scottish Campaign to The submarine, the USS Sam Rayand feeble denials about it. Local and cut through the misinformation has pieced together its movements Resist the Atomic Menace (SCRAM)

Vanguard. When unusual activity began around the submarine, questions were put to the US Navy. Sam Rayburn's arrival because it is a it arrived accompanied by Royal Navy rare visitor to the Loch and because radioactive leak, impressed no-onel base and that there had been no Their statement, that the USS Andrew Jackson had not been into tugs and the spy-ship, the USS The Sam Rayburn left on February 18, returned at the end of the month that the USS

attention, and more reassurances activity attracted some keep radioactive dust down. This that there was no danger.

Sunday Indpendent received information that at 6.15am on September As we went to press the Ministry of 175 miles south-west of Land's End. nuclear waste barrels on the sea-bed 2, the submarine had collided with checking their Agriculture, Fisheries and Food were Then, a reporter with the Plymouth records to

explain the Sam Rayburn's unique possibility-one which may bed there is unclear. An intriguing catwalk around its conning tower-is Why the submarine was on the seathe US submarine-detection microthat the submarine was involved with

Contact: SCRAM, 11 Forth Street Edinburgh EH1 (tel 031-557 4283)

and with radiation badges. Water civilian workers in protective suits paintwork scraped off by 200-300 and went into drydock to have its

was sprayed over the work area to

national

manoeuvres at sea that have da

Arkin cites a number of

15 000

is a widespread belief among n

nuclear weapons, and that t somehow different than ners that naval nuclear we Pacific. Coupled with this, he si increased tension, especially

nuclear weapons at sea might to the seas. In addition, a deci naval nuclear weapons would

a unilateral basis and not as a alliance decision."

The Nuclear Arms Race at Sea, Gre Islington Green, London, £3-50.

missiles, torpedoes, and bombs says that "some one-third to on of the world's nuclear arsenals warheads are earmarked for na nuclear weapons; over

whether there have been officially authorised waste dumps there.

phones in the area.

AN accident has crippled a Soviet nuclear-powered submarine off Norway, Tass news agency said today.

radiation leak but quoted the Defence Ministry as saying the submarine's reactor had been shut down and that all Tass did not make clear whether there had been any

nuclear submarine, there was a failure of the air-tight seal of the first cold circuit of the reactor," Tass said, without the crew were safe. "According to the report of the commander of the

months, elaborating.
It was the second fire involving a Soviet nuclearpowered submarine off Bear Island in less than three

400 km sunk April Soviet sub Norwegian d Soviet sub on fire today SWEDEN U.S.S.R

THE route the crippled Soviet sub took

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