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COMMENTARY -

international freedom of information and representation of
non-industrial non-government organisation on hazard
assessment task forces. The right to know provisions
which operate in the USA but not in Europe would help to
produce more open debate and effective public education
about environmental and occupational health risk assess-
ments. This should be allied to registers of the interests and
the funding of ' group members and their organisations.

Andrew Watterson

Centre for Occupational Safety and Health. Nottingham Trent University. UK

1 Environmental health criteria no 1: mercury. Geneva: WHO, 1976.

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3 Draft environmental health criteria: benomyl (no 148). Geneva: WHO,
1993.

4 Krause N, Malmfors T, Slovic P. Intuitive toxicology: expert and lay
judgements of chemical risks. Risk Analysis 1992; 12: 215-32.-'

5 Avery N, Drake M, Lang T. Cracking the codex: an analysis of who
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6 Royal Society. Risk: analysis, perception and management, report of a
Royal Society Study Group. London: Royal Society, 1992.

HIV In South Africa

Since 1984, I have been involved in several aspects of the
HIV pandemic, in Africa and elsewhere. Much of this
work has been to encourage governments to implement
preventive programmes, and in 1991/92 I was medical
adviser to the South African government's AIDS unit. A
depressing feature of this pandemic is the certainty that
whenever HIV arrives in a country the same cycle of
responses has to be played out once again. Countries find it
difficult to learn from others' mistakes, and South Africa is
no exception.

The first indicator came in gay white men, whose travel
contacts had eased HIV into South Africa's Cape.
Education and support, generated almost entirely from
within the gay community, ensured that the incidence of
HIV infection dropped, and by 1992 the number of AIDS
cases in gay men was the lowest since 1987. However, South
Africa tends to forget that it is part of Africa, and seemed
taken by surprise when the first evidence of HIV infection
among 'heterosexuals' in the majority black population was
noted, as recently as late 1987. Since then the screening of
potential blood donors; sentinel surveillance in Johannes-
burg, three population-based surveys of HIV seropre-
valence in part of Natal, and three national anonymous
unlinked surveys in antenatal clinics have revealed the main
features of the heterosexual epidemic. Young adults bear
the brunt, and young women are affected earlier than and at
least as often as young men. Children of primary school age
seem free from infection. There is marked variation
between geographical regions and to some extent between
rural and urban areas. At the end of 1992 more than 1 in 40
young adults in South Africa were estimated to be infected
with HIV. The rate of spread is slowing, with a current
doubling time of about 16 months. These data suggest that
there are over 400 new infections every day and the total
number of people infected could be about 300 000 today and
750. 000 by the end of next year, 1994. These calculations are
not 'doomsday' scenarios but figures from a consensus of
the country's leading mathematical modellers.
The pattern is that already seen in much of central and
eastern Africa, and in South Africa HIV infection has been

documented more accurately and from an earlier stage of
the pandemic. In that country, though not uniquely, two
important co-factors are present. Sexually transmitted

diseases (STD) facilitate the spread of HIV infection while tuberculosis fosters the development of AIDS once individuals are infected with HIV. With an estimated 3 million STD cases annually and with about half the adult population infected with quiescent tuberculosis, the soil was ripe for AIDS to spread. Disaster should never be inevitable when it signals itself so obviously and so well in advance. An HIV epidemic out of control is to some extent a failure of public health. South Africa has the infrastructure and health funding required yet AIDS seems to have slipped past and became established. How?

The central health ministry's initial response was low key; AIDS was tacked onto a health directorate of infectious diseases. A clumsy, but for its time not atypical, scary AIDS education campaign was launched; blood donor screening was introduced; and data collection was set up. True education was barely considered. However, in mid-1990 a dedicated AIDS unit was established, headed by a psychologist, and the key role of education of children and young people was at last identified. A neutral AIDS information campaign was launched nationally. Research into AIDS prevention programmes in secondary schools was commissioned and used to draw up a schools package that was launched jointly by the ministers of health and of education. The package was available in eight languages. Funding sources were identified for teacher training and 3000 of the 12 000 secondary schools asked for the package. The AIDS unit held workshops to bring the epidemic to the attention of religious leaders, businessmen, social workers, women's groups, and the like; and organisations, including some very critical of South Africa's government, were given money to tackle hard-to-reach groups. It really seemed as if the lessons of AIDS had been learned. It was not to be.

Unannounced, and with no consultation, AIDS prevention was stopped. Funds were quietly removed from the AIDS unit; the schools package was withdrawn and research for a pre-school package was abandoned; the media campaign petered out and pamphlets were no longer available in any language other than English and Afrikaans. The AIDS unit was merged into a lacklustre health promotion section and the unit's head was sacked. An official complaint against the health department official who had in effect closed the AIDS campaign was made. A magistrate's report, believed to support the complainants, remains unpublished. AIDS prevention no longer exists, except as window dressing, and health department officials now claim that AIDS is the responsibility of individuals --ie, the government no longer sees itself as having any responsibilities in this area.

There is a sinister interpretation being put on the halting of the AIDS campaign in some quarters. South Africa is in transition politically and officials speak of interim arrangements extending over ten years. By that time the majority black population could find itself as severely affected by HIV as Zimbabwe is now, and so, the argument runs, be less able to assert themselves politically. In the continued absence of any attempt to defend the new AIDS policy suspicion will not be stifled.

Wilson Carswell

Orpington. UK

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