

While the "recover" system is being developed for nuclear safeguards purposes, the concepts and technology involved may have utility for verification in other situations as well.

Outline of possible project

Co-operative international technical evaluation of "recover"

Agreement could be sought for a co-operative technical evaluation, conducted under the aegis of the CD, of use of "recover" techniques to aid CW verification. A technical panel open to all interested States — including non-CD members — could be established for this purpose. The panel could:

- explore possible specific applications for "recover" (for example, for assisting in the monitoring of mothballed CW facilities);
- promote co-operation in identification of suitable sensors and in development of new sensors which are compatible with the "recover" system; and
- sponsor an international demonstration project in which sensors would be installed in a few selected facilities to provide a realistic test of the monitoring system. (The cost for one facility might be roughly \$20,000.)

Two years are likely to be needed to accomplish these tasks. Of course, if it appeared useful to continue, such tasks as sensor development could be extended.

The panel would forward to the CD periodic reports which outlined the panel's technical findings. It would be up to individual States to decide whether to support the use of "recover" as one component of a CW verification system.

Such an effort would be analogous to the IAEA technical evaluation effort outlined above. It could assist in resolving verification issues. It could be a confidence-building activity in which States co-operate to develop and evaluate improved monitoring arrangements.