PLAINTIFF'S EXHIBIT
MON-2990

Monsanto

FROM (NAME & LOCATION) J. M. Gatewood

DATE February 1, 1982

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SUBJECT SHAC RECOMMENDATIONS ON PLANT EYEWASH AND SAFETY SHOWERS

REFERENCE

TO : THIS IS ROUGH DRAFT WRITE YOUR COMMENTS ON THIS SHEET AND RETURN BY 2-9-82 GATE-12

These recommendations will cover existing safety showers and eyewash stations, future installations and the ANSI standard Z358.1-198.

Existing Safety Showers and Eyewash Stations:

The greatest concern we had in regard to existing safety showers and eyewash stations was lack of identification and illumination. In fact, it is almost impossible to tell during daylight hours if the green light is burning, or not.

At night the green light doesn't stand out and therefore would not act as a beacon to guide an injured person to aid. We also found the lighting very poor over many eyewash and shower stations making it very difficult at night to administer properly to an injured person at one of these facilities. We recommend a high intensity lighting fixture with maybe a green band to cast out a highly visible beacon and at the same time give good illumination to the shower and eyebath station area.

We also felt that many stations are almost hidden, needing highly visible signs or directional arrows.

Even though many of our old installations (mostly styrene area) have the eyewash separated from safety shower, we could not find a previous case where this caused any further complications. However, if extensive repairs to the piping were needed at a future date these should be recombined.

Future Installations

We propose that all future stations requiring eyewash incorporate the ANSI standard eye/face wash equipment. This is two nozzles with slightly greater water volume than a pure eyewash station. Since in most chemical contact cases the face is exposed to the agent along with the eyes this would bring aid to both simultaneously.

We also propose that all present and future stations in areas of high knock down potential chemicals (HCN, AN, and etc.) should have combination eye/face wash and drench hose apparatus. This will allow administering personnel to more easily wash off unconscious persons.

ANSI Standard Z358.1 - 198

We propose the incorporation of only those ANSI standards covered previously in this memo.

J. M. Gatewood
for SHAC Committee