

LOUISIANA DIVISION INDUSTRIAL HYGIENE REPORT

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

DEPARTMENT
POWER I/UTILITIES

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TITLE

POWER I/UTILITIES INDUSTRIAL HYGIENE ACTIVITY REPORT FOR 1987

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SUMMARY

THE FOLLOWING INDUSTRIAL HYGIENE ACTIVITIES WENT ON AT POWER I/UTILITIES DURING 1987. TRAINING ON HAZARD COMMUNICATION STANDARD NOISE AND NOISE PROTECTION AND REACTIVE CHEMICALS WAS DONE. AUDIO EXAMINATIONS WERE PERFORMED ON ALL PERSONNEL. THE 1987 NOISE SURVEY WAS PERFORMED USING A BRUEL AND KJAER MODEL 2205 SOUND LEVEL METER. MOST OF THE POWER PLANT IS A HIGH NOISE AREA AND HEARING PROTECTION IS REQUIRED IN ALL OPERATING AREAS.

IN 1988, NOISE SURVEY WILL BE CONDUCTED AND PRESENTED TO THE PLANT PERSONNEL WITH INFORMATION ON DIFFERENT TYPES OF HEARING PROTECTION AVAILABLE. TRAINING ON REACTIVE CHEMICALS, RESPIRATOR RETRAINING, HEARING CONSERVATION, AND TOXIC CHEMICALS TALK WILL BE HIGHLIGHTED.

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THE FOLLOWING WAS DONE IN THE INDUSTRIAL HYGIENE AT POWER I/UTILITIES IN 1987.

HAZARD COMMUNICATIONS STANDARD TRAINING

ALL OPERATIONS PERSONNEL WERE TRAINED ON THE HAZARDOUS CHEMICALS IN THE UTILITIES BLOCK AS PART OF THE HAZARD COMMUNICATIONS STANDARD WHICH WAS IMPLEMENTED COVERING ALL ASPECTS OF THE STANDARD IN 1986.

REACTIVE CHEMICALS TRAINING

ALL PERSONNEL RECEIVED TRAINING ON REACTIVE CHEMICALS THAT ARE IN THE UTILITIES AREA.

AUDIO EXAMINATION

ALL POWER I/UTILITIES PERSONNEL WERE GIVEN AN AUDIO EXAMINATION AS PART OF A YEARLY HEALTH SURVEY.

PERSONNEL SURVEYS

OPERATIONS PERSONNEL WERE MONITORED FOR A SHIFT FOR NOISE LEVEL EXPOSURE. HEARING PROTECTION IS REQUIRED IN THE BLOCK.

AREA SURVEY

AS SHOWN (ATTACHED) MOST OF THE POWER PLANT IS A HIGH NOISE AREA. THE ENTIRE POWER PLANT IS CONSIDERED AN EAR PROTECTION AREA.

CONSEQUENCES OF OVEREXPOSURE TO NOISE

ALL PERSONNEL WERE TRAINED ON THE CONSEQUENCES OF OVEREXPOSURE TO NOISE, THE DIFFERENT TYPES OF HEARING PROTECTION, AND REDUCTION IN NOISE LEVELS THE DIFFERENT TYPES PROVIDE THE PERSON WEARING THE PROTECTION.

ASBESTOS SAMPLING

SAMPLING DONE ON PERSONNEL CHANGING OUT ASBESTOS INSULATION. THE RESULTS OF THE MONITORING SHOWED EXPOSURES TO BE WITHIN CURRENT GUIDELINES.

GOALS AND SAMPLING STRATEGY PLAN FOR 1988

1. NOISE

GATHER BASE LINE DATA ON OPERATIONS PERSONNEL USING A DUPONT MK-2 AUDIO DOSIMETER.

2. YEARLY REACTIVE CHEMICAL TRAINING

TRAIN ALL PERSONNEL ON THE DANGERS ON REACTIVE CHEMICALS AND HOW TO PROTECT THEMSELVES.

3. YEARLY HEARING PROTECTION TRAINING

REVIEW THE DIFFERENT TYPES OF HEARING PROTECTION AVAILABLE AND ALL OTHER PERTINENT ITEMS OF HEARING PROTECTION STANDARD WITH OPERATIONS PERSONNEL.

4. YEARLY NOISE SURVEY

CONDUCT AN ANNUAL NOISE SURVEY OF OPERATING AREAS.

5. YEARLY HAZARD COMMUNICATION STANDARD TRAINING

ALL COMPONENTS OF THE HAZARD COMMUNICATIONS STANDARD WILL BE REVIEWED INCLUDING ALL CHEMICAL HAZARDS.

6. YEARLY RESPIRATOR RETRAINING

TYPE RESPIRATORS AVAILABLE AND METHOD OF USE AND CLEANING WILL BE COMMUNICATED TO ALL PERSONNEL.