

SUN HEALTH AND SAFETY CONFERENCE

INTERNATIONAL HOTEL

NEW ORLEANS

NOVEMBER 15-17, 1977

S 0909

SUN HEALTH AND SAFETY CONFERENCE

INTERNATIONAL HOTEL

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S 0910

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3. BLEVE	16mm color	19 min.
4. CONFINED SPACE HAZARDS	16mm color	15 1/2 min.
5. DETONATIONS	16mm b/w	9 1/2 min.
6. DON'T TAKE CHANCES	16mm color	14 min.
7. ELECTRICAL EQUIPMENT -- Servant or Master	16mm color	18 min.
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9. HEARING	16mm color	25 min.
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13. RESCUE BREATHING	16mm color	
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16. WARREN PETROLEUM FIRE	16mm color	16 min.
17. WHEELCHAIR	16mm color	11 min.

ATTENDEES

Russell Blackerby
D.A. Bristow
Bob Bryer
Frank Cebula
W.R. Cheatwood, M.D.
Mike Connor
Bud Eaton
Bob Figueroa
Bob Fleming
Jack Freeman
W.R. Gannaway
Jon Haas
Fran Heartwell
Loren Just
Bobb Leamy
Pres Lilley
Don MacEachen, M.D.
Toby McCleney
Bob McCloskey
Cody Milburn
Bob Murphy
John Naber
Byron Niebruegge, M.D.
Pedro Orpi, M.D.
Marc Powell
Jerry Rebstock
George Reed
Paul Rickard
C.E. Rigey, M.D.
Richard Romero, M.D.
C.S. Ryan, M.D.
Frank Seay, M.D.
Howard Smith, M.D.
Doyle Stegall
Harvey Tucker
G. Wayne Turner
Paul Wildenstein
Shelby Wood
Clarence Yablonski

SPPC
Sperry - Sun
Suntech
SPPC

ASG
SPPC
SPPC
SPPC
ASG
Sunmark Exploration
ASG
Sunedco
Sun Gas
Sunmark
ASG

Sun Terminals
Sun Pipe Line
Sun Production
SPPC
SPPC
SPPC
SPPC
Sun Ltd.
SPPC
Sun Ltd.
SPPC

Sun Co., Inc.

Sun Production
SPPC
Sun Terminals
ASG
Sun Production
Sun Pipe Line

Duncan
Houston
Marcus Hook
Marcus Hook
Duncan
Radnor
Tulsa
Yabucoa
Corpus Christi
Philadelphia
Dallas
Radnor
Dallas
Dallas
Philadelphia
Marcus Hook
Sarnia
Nederland
Tulsa
Dallas
Tulsa
Philadelphia
Tulsa
Yabucoa
Corpus Christi
Sarnia
Toledo
Toronto
Marcus Hook
Corpus Christi
Radnor
Dallas
Toledo
Dallas
Toledo
Nederland
Radnor
Dallas
King of Prussia

II AGENDA

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AGENDA

SUN HEALTH AND SAFETY CONFERENCE

International Hotel
New Orleans, LA

November 15-17, 1977

Tuesday,
November 15

COMBINED SESSION

8:30 - 8:45 a.m.

Announcements

8:45 - 10:15 a.m.

Benzene Standard

- (a) Status of OSHA Permanent Standard
- (b) The impact of API-NPRA-ORC efforts
- (c) The implication of the Jandl statement
- (d) Discussion of compliance measures to date.
Come prepared to show exposure levels
(on view-foils) in your area of responsibility
and discuss corrective measures, etc.
- (e) Where do we go from here?

10:15 - 10:30 a.m.

BREAK

10:30 - 11:00 a.m.

Benzene Standard (Continued)

11:00 - 12:00 p.m.

Respiratory Protection - J. M. Haas

- (a) Written programs
- (b) Facial hair - fit testing
- (c) Discuss fits obtained with the various face
pieces
- (d) Recordkeeping
- (e) Maintenance - storage - cleaning
- (f) Pulmonary function testing - results to date,
what have we told these people, what are we
doing about job transfers

12:00 - 1:30 p.m.

LUNCH

1:30 - 3:00 p.m.

Critical OSHA Issues in 1978

- (a) Carcinogen Standard
- (b) Noise Enforcement by EPA
- (c) Maintenance of pay rate

3:00 - 3:15 p.m.

BREAK

3:15 - 3:30 p.m.

Walk-Around Pay - Sun's Policy

November 15

COMBINED SESSION (Cont'd)

3:30 - 4:30 p.m.

Noise Reduction - J. M. Haas

- (a) What projects accomplished in 1977?
- (b) What projects budgeted for 1978?
- (c) Discussion of audiometric studies showing hearing loss
- (d) Should we split up the 12 dosimeters we have?
How?

4:30 - 5:00 p.m.

Illness vs. Injury Classification

- (a) Traumatic vs. chronic
- (b) Occupational vs. non-occupational
- (c) Aggravation of previous condition, i.e.
heart attack, back pain, emphysema, etc.

AGENDA

SUN HEALTH AND SAFETY CONFERENCE

International Hotel
New Orleans, LA

November 15-17, 1977

Wednesday,
November 16

SAFETY SESSION

8:30 - 9:00 a.m.

Key Note Address - R. W. Donahue, Vice Chairman

9:00 - 10:00 a.m.

Evaluation ASSE Accident Potential Recognition Course

- (a) Purpose of course in Sun
- (b) Response to Pilot Run
- (c) Quick look at the material
- (d) Application: Sun Institute? How often?
Send instructors to field? Train instructors
at Sun Institute? Look for different course?

Note: Purpose is to reach a conclusion as to whether to proceed with this course, and if so, how. Please discuss the Pilot Course with supervisors who attended and come prepared to act.

10:00 - 10:15 a.m.

BREAK

10:15 - 10:45 a.m.

Evaluating Safety Performance of Supervisors

- (a) Are supervisors now rated on "safety performance"?
How is it measured? Does it affect pay; how?
- (b) Who audits supervisor's performance? Against what standard do you judge?
- (c) Who discusses supervisor's safety performance with him?

10:45 - 11:45 a.m.

Training Aids for 1978

- (a) Status new asbestos slide-tape show
- (b) Benzene slide-tape show
- (c) New programs needed; any films needed?

11:45 - 12:00 p.m.

Use of Self-Leveling Stairs on Floating Roof Tanks -
R. McCloskey

12:00 - 1:30 p.m.

LUNCH

1:30 - 2:15 p.m.

Incentive Programs

- (a) Is "BINGO" any good?
- (b) What's new?
- (c) What are you using; is it working?

November 16

SAFETY SESSION (Cont'd)

2:15 - 2:45 p.m.

Toxic Substances Act - J. Freeman

- (a) Sun's organization to meet TSCA
- (b) Response to inventory requirement
- (c) What should local safety and health people be doing?
- (d) Handling complaints by employees, customers, others about toxic effects of Sun products

2:45 - 3:15 p.m.

Recordkeeping Requirements - J. F. Naber

- (a) List of requirements
- (b) Who is responsible for initiating records; who stores records and for how long?
- (c) BLS amended record forms for 1978

3:15 - 3:30 p.m.

BREAK

3:30 - 3:45 p.m.

OI & I System Status - P. G. Wildenstein

- (a) Revised run for 1978
- (b) Any update of Department lists needed?

3:45 - 4:15 p.m.

Orientation Program New Safety Engineers - R. Murphy

4:15 - 5:00 p.m.

Accidents/Fires of Special Interest

Please come prepared to discuss your cases. Bring view-foils or slides as appropriate.

AGENDA

SUN HEALTH AND SAFETY CONFERENCE

International Hotel
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November 15-17, 1977

Wednesday,
November 16

MEDICAL SESSION

- 8:30 - 9:00 a.m. Key Note Address - R. W. Donahue, Vice Chairman
- 9:00 - 9:20 a.m. Reorganization - C. S. Ryan, M.D.
- Dr. Ryan's new role as Director of Health and Safety
for the Parent Corporation
- 9:20 - 9:40 a.m. OSHA - Brief Update On: - J. M. Haas
- (a) Asbestos
(b) Noise
(c) Lead
(d) Carcinogens
- 9:40 - 9:45 a.m. Canadian "OSHA" Update - D. MacEachen, M.D.
- 9:45 - 9:55 a.m. First Aid for H.F. Acid Burns - D. MacEachen, M.D.
- Review of ammonia solutions vs. water in emergency
first aid kit bottles
- 9:55 - 10:10 a.m. BREAK
- 10:10 - 10:25 a.m. Current Treatment for H₂S Intoxication - C. S. Ryan, M.D.
- 10:25 - 10:40 a.m. Exercise EKG's - H. Smith, M.D.; B. Niebruegge, M.D.
- Review of Company policy concerning exercise EKG's
during Company physical exams
- 10:40 - 12:00 p.m. Human Resources Practices
- (a) Examinations - H. Smith, M.D. (15 minutes)
1. Frequency
2. Special Testing
3. Communication
- (b) Behavioral Problems & Mechanisms for Control -
B. Niebruegge, M.D. (25 minutes)
1. Absenteeism
2. Alcoholism
3. Inefficient work habits

November 16

MEDICAL SESSION (Cont'd)

10:40 - 12:00 p.m.

Human Resources Practices (Cont'd)

- (c) MTD/LTD - B. Niebruegge, M.D. (10 minutes)
- (d) EEOC including hiring the hard of hearing for high noise areas - C. S. Ryan, M.D. (10 minutes)
- (e) Workmen's Compensation - E. Trethewey (10 minutes)
- (f) Rate Retention - C. E. Rigby, M.D. (10 minutes)

12:00 - 1:30 p.m.

LUNCH

1:30 - 1:40 p.m.

API/Sloan-Kettering Refinery Workers Epidemiology Study - P. G. Wildenstein

Status of Sun's participation

1:40 - 2:30 p.m.

Toxic Substances Control Act - C. S. Ryan, M.D.

The physicians role in relationship to TOSCA

2:30 - 3:00 p.m.

Benzene

- (a) Discussion of medical aspects of Jandl statement - C. S. Ryan, M.D.
- (b) Status of each refinery's testing program - Refinery Physicians

3:00 - 3:15 p.m.

BREAK

3:15 - 4:15 p.m.

Physical Evaluation Rating Form - C. S. Ryan, M.D.

Discussion of why Sun's form is no longer valid and what a new form should contain

4:15 - 4:30 p.m.

Radnor Physical Fitness Program - C. S. Ryan, M.D.

Update on use of Radnor facility

4:30 - 4:50 p.m.

Malpractice Insurance - E. Trethewey

Review of Sun's coverage for physicians

AGENDA

SUN HEALTH AND SAFETY CONFERENCE

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Thursday,
November 17

COMBINED SESSION

8:30 - 10:00 a.m.

Pre-Employment Physical Testing

- (a) Purpose
- (b) Tests - appropriate to the purpose
- (c) EEO Implications - i.e, hiring handicapped, work assignments to women, hiring for limited duty, etc.
- (d) Relationship to pre-employment medical examination
- (e) Trial Periods - liabilities for excessive strain, how performance is documented

10:00 - 10:15 a.m.

BREAK

10:15 - 11:00 a.m.

Contract Labor Safety/Health

- (a) Furnishing personal protective equipment, fire protection, life saving equipment
- (b) Surveillance of work conditions by Safety Department, how much is necessary? can it be on catch-as, catch-can basis?
- (c) Training of contract employees re toxic exposures, protective gear, personal hygiene. Where do you stop?
- (d) When and how is contractor advised as to exposures his employees will encounter in our facilities? Should physical fitness or medical requirements be discussed? By whom?
- (e) Medical assistance or first-aid rendered contract employees in emergency; excessive liability? How should rescue of contract laborer be handled?

SAFETY SESSION ONLY

11:00 - 12:00 p.m.

Safety Goals - 1978

Come prepared to discuss specific goals.

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III NOVEMBER 15 - COMBINED SESSION MINUTES

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SUN HEALTH AND SAFETY CONFERENCE
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NOVEMBER 15-17, 1977

NOVEMBER 16
MEDICAL SESSION

1. OSHA - BRIEF UPDATE ON:

a) ASBESTOS

Jon Haas reported on the lowering of the OSHA asbestos limit from two fibers per cc to one half fiber per cc. Since the bra type (3M mask) respirator is good for only ten times the TLV it can be used only to five fibers per cc. Since normal dismantling procedures will expose workers to 18 to 20 fibers per cc, these masks are no longer adequate protection. About the only practical choices in respirators now will be air supply respirators or air purifying respirators. Whereas practically anyone can wear the bra type respirator the physician will now have to determine whether persons working with asbestos are able to wear the air supply or air purifying respirators. Dr. Smith indicated he has 117 employees who his records indicate cannot wear respirators. He is in the process of re-examining these individuals to determine if that is still the case. After much discussion it was agreed that an asymptomatic employee with right bundle branch block would not be precluded from wearing a respirator. A long discussion then followed relative to who should & should not be allowed to wear a respirator. The consensus that was finally reached was that if the employee will not be placed at an increased risk by having to wear a respirator then he should be allowed to do so.

b) NOISE

Jon indicated that we are still waiting for a final noise standard. He indicated that he feels that the final eight hour TWA is likely to be 85dBA. Dr. Ryan said that he feels that it is more likely to be 90dBA. Another of the major points still being debated is whether or not engineering controls are going to be required or if hearing protection will be an acceptable means of controlling noise exposure.

c) LEAD

Jon reported the final lead standard is expected in early 1978. Dr. Ryan indicated that the standard will probably specify blood lead level limits of 80 micrograms per 100 milliliters of blood for males, 60 for females, and 40 for females in the child-bearing age. However, it was pointed out that the standard is for in-organic lead only. Tetraethyl lead, the lead primarily used in Sun's operations, is organic