

# Advanced Medical Systems, Inc.

STOP WORK AUTHORITY

Procedure: RSP-017

Revision No.: 000

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Date: December 28, 1995

Approved by (Vice President):

Approved by (RSO):

Approved by (RSC Chair):

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## 1 PURPOSE

This procedure describes situations that may require a Stop-Work order to be initiated at the London Road facility of Advanced Medical Systems, Inc. (AMS) and assigns responsibilities associated with the Stop-Work order.

## 2 SCOPE

This procedure applies to work situations that do or may violate regulatory or AMS requirements for radiological protection, and pertains to all AMS employees and contractors.

## 3 REFERENCES

- 3.1 Title 10, Code of Federal Regulations, Part 20, "Standards for Protection Against Radiation".
- 3.2 U. S. Nuclear Regulatory Commission Radioactive Material License Number 34-19089-01.
- 3.3 Advanced Medical Systems, Inc., Radiation Safety Procedure No. RSP-001, "Radiation Protection Program Plan"
- 3.4 Advanced Medical Systems, Inc., Radiation Safety Procedure No. RSP-006, "Training and Qualifications of Radiation Protection Personnel"
- 3.5 Advanced Medical Systems, Inc., Radiation Safety Procedure No. RSP-003, "Radiation Protection Records"

## 4 DEFINITIONS

The definition of terms used in this RSP that may not be commonly understood shall be found in RSP-002, "Definitions".

## 5 PROCEDURE

### 5.1 Responsibilities

#### 5.1.1 The Radiation Safety Officer (RSO) shall:

- 5.1.1.1 Delegate authority to stop work to Radiation Protection Technicians and Authorized Users who have been trained in the proper use of their stop-work authority.

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- 5.1.1.2 Shut-down or prevent job from starting if the job may violate regulatory or AMS requirements for radiological protection.
- 5.1.1.3 Specify the actions that are necessary to continue work and lift the Stop-Work order.
- 5.1.1.4 Assure that safe work conditions are in place before lifting the Stop-Work order.
- 5.1.1.5 Maintain the corrective actions implemented after a stop-work order on file upon completion.
- 5.1.1.6 Assure that the requirements of this procedure are met.

### 5.1.2 Radiation Protection Technicians and Authorized Users shall:

- 5.1.2.1 Shut-down or prevent job from starting if the job may violate regulatory or AMS requirements for radiological protection.
- 5.1.2.2 Specify the actions that are necessary to continue work and lift the Stop-Work order.
- 5.1.2.3 Assure that the requirements of this procedure are met.

### 5.1.3 AMS employees, visitors and contractors shall notify the RSO, a Radiation Protection Technician, an Authorized User, or any work supervisor of known or suspected unsafe work conditions.

## 5.2 Notifications

- 5.2.1 Once aware of known or suspected unsafe work conditions, the individual shall assesses the situation and shall issue a Stop-Work order if unsafe working conditions are evident.
- 5.2.2 If a Stop-Work order is issued by a Radiation Protection Technician or an Authorized User, the RSO shall be notified immediately.

## 5.3 Issuance of a Stop-Work Order

- 5.3.1 All Radiation Protection Technicians and Authorized Users have the responsibility and authority to initiate a Stop-Work order if they have been trained in this action pursuant to RSP-006.

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5.3.2 The following example unplanned situations may require a Stop-Work order to be initiated.

5.3.2.1 Personnel may be exposed to greater than 40 DAC-hours without engineered controls, protective equipment, or monitoring.

5.3.2.2 Personnel may receive greater than 1 rem deep dose equivalent, 2 rem skin dose equivalent, or 6 rem extremity dose equivalent while performing a task.

**Note:** This list is not all inclusive.

5.3.3 Specific work activities shall be permitted to proceed to a safe condition after issuance of the Stop-Work order.

5.3.4 The RSO should supervise specific work activities as they proceed to a safe shut down.

### 5.4 Stop Work Record

5.4.1 The Stop Work Record (see Attachment 1) shall specify the corrective actions necessary to remove the Stop-Work order and for work to proceed past one or more specific hold points.

5.4.2 Radiological protection hold points may be developed by the RSO or the individual who initiated the Stop-Work order, after consultation with the appropriate work supervisor.

5.4.3 The RSO shall signify the completion of the individual actions by initialing Attachment 1.

5.4.4 The completed Stop Work Record shall be reviewed by the RSO.

### 5.5 Removal of a Stop-Work Order

5.5.1 Stop-Work orders shall be lifted by the RSO only after initiating conditions have been alleviated.

5.5.2 The RSO shall monitor operations after removing the Stop-Work order to ensure safe conditions are present.