



DEPARTMENT OF HEALTH & HUMAN SERVICES

FDA/DDM HFA-305

Public Health Service

AUG 9 2004

Food and Drug Administration
Center for Devices and
Radiological Health
2098 Gaither Road
Rockville, MD 20850

Ref: FDA Docket No. 2004V-0292
Accession No. 04A1118

Mr. Pat Donnelly
Safety Officer
Arctic Ice Arena
10700 West 160th Street
Orland Park, Illinois 60467

Dear Mr. Donnelly:

In accordance with 21 CFR 1010.4(c)(1) notice is given that the petition of Arctic Ice Arena, dated July 6, 2004, for a variance from 21 CFR 1040.11(c) of the performance standard for laser products is approved. This variance will allow the introduction into commerce of the laser light show products described in paragraph D below.

A. Variance Number

2004V-0292

B. Effective Date

In accordance with 21 CFR 1010.4(c)(1), this variance shall become effective on the date of this letter.

C. Termination Date

This variance shall be terminated two (2) years from the date of this letter.

D. Product for Which Variance is Granted

This variance is granted for the Class IV laser light show assembled and produced by Arctic Ice Arena. The shows will be produced with certified Beamin Laser model TL-16 and LaserMedia model Micro 10 YAG laser projectors containing DPSS Nd:YAG lasers emitting at 532 nm.

The laser shows will be presented from a permanent installation in an indoor arena for more than 15 days. The effects employed in the shows may be front or rear screen projections, multiple reflection/diffraction effects, reflections from stationary mirrors, beams/fans, and enhanced scattering effects.

E. Provision from Which Variance is Granted

This variance is granted from 21 CFR 1040.11(c) of the performance standard for laser products requiring that each demonstration laser product shall comply with all of the applicable requirements of 21 CFR 1040.10 for a Class I, IIa, II, or IIIa laser product and shall not permit human access to laser radiation in excess of the accessible emission limits of Class I and, if applicable, Class IIa, Class II, or Class IIIa.

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F. Conditions under Which Variance is Granted

In lieu of the requirements referred to in Item E above, the conditions as specified below in Variance Attachment A and Variance Attachment B shall apply to the products and devices manufactured under this variance and to the shows assembled and produced under this variance.

G. Basis for Approval of Variance

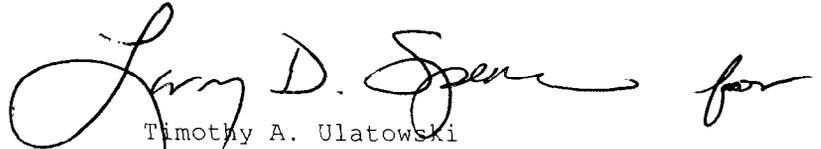
In accordance with 21 CFR 1010.4(a)(2), it has been determined that the product is required to perform a necessary function or is intended for a special purpose which cannot be performed or accomplished with equipment meeting the requirements referred to in Item E. Suitable means of radiation safety and protection will be provided by constraints on the physical and optical design, and by warnings in the user/purchaser information.

H. Certification Label

The certification label required by 21 CFR 1010.2 shall be modified in accordance with 21 CFR 1010.4(d) to state: This product complies with performance standards for laser products under 21 CFR Part 1040 except with respect to those characteristics authorized by Variance Number 2004V-0292 effective AUG 9 2004 .

This variance action is available for public disclosure in the Food and Drug Administration (FDA) Dockets Management Branch and a notice of availability will be published in the Federal Register. The variance will remain in effect until the termination date unless a determination is made that the variance should be amended or withdrawn to protect the public health and safety.

Sincerely yours,



Timothy A. Ulatowski
Director
Office of Compliance
Center for Devices and
Radiological Health

cc: FDA Division of Dockets Management, Docket No. 2004V-0292

Attachments A and B