K972039

510k SUMMARY (L, K & C) AUG 25 1997

Trade name: Hidden CIC Hearing Aid

Common Name: CIC

Classification Name: Hearing Aid Class 1 (per 21 CFR Section 874.3300)

874.330: Air conduction hearing aid

Description: The device is an air conduction hearing aid. It is a prosthetic device worn in the ear canal to amplify sound. The shell is made using light cure materials and process. Various electronic components are utilized depending upon the type of circuitry needed.

Population: It is designed for individuals with a mild to moderately severe loss of hearing sensitivity that is either conductive, mixed, or sensori-neural in nature. Contraindications include perforated tympanic membrane or draining ear.

Technological Summary: The Hidden completely-in-the-canal (CIC) hearing aid designed by Nu-Sound is the same as Beltone, Miracle Ear, Siemens, and Oticon. Using a light cure process and materials, the shell is designed to fit into the external auditory meatus with the faceplate at or medial to the aperture and the receiver port terminating 1-2 mm beyond the osseocartilaginous juncture. The electronic components consist primarily of a microphone, receiver, and an integrated circuit. It depends upon the needs of the individual as to which circuit is incorporated into the shell. The power source is a 1.5 volt DC disposable battery.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

AUG 25 1997

Wava Brians
Nu-Sound
2501 West Memorial
Quail Spring Mall
Oklahoma City, OK 73134

Re: K972039
Nu Sound Hearing Aid, Models: Hidden L,
Hidden K & Hidden C
Dated: May 30, 1997
Received: June 2, 1997
Regulatory class: I
21 CFR 874.3300/Procode: 77 ESD

Dear Mr. Brians:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirement, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

While your device has been deemed substantially equivalent to other legally marketed hearing aids, please be advised that electromagnetic interference from digital cellular telephones, as well as from other sources is increasingly becoming a concern. Typically, this interference takes the form of a buzzing sound that can range from annoying to very loud and may render a hearing aid temporarily ineffective for the wearer. Because electromagnetic interference may affect your device, you may be asked to test for electromagnetic compatibility in the future. In this interim period, we encourage you to modify your device labeling to inform practitioners and users of the potential for electromagnetic interference. Please be aware that a 510(k) submission is required for any claims that infer that your device is compatible with potential sources of electromagnetic interference, such as "compatible with digital cellular telephones", and that data supporting such claims is necessary.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4613. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address "http://www.fda.gov/cdrh/dsmamain.html".

Sincerely yours,

Lillian Yin, Ph.D.
Director, Division of Reproductive,
Abdominal, Ear, Nose and Throat,
and Radiological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (if known): K972039

Device Name: NU-SOUND HEARING AID MODEL C

Indications For Use:

A. General Indications:

The indication for use of the air conduction hearing aids in this submission is to amplify sound for individuals with impaired hearing. The devices are indicated for individuals with losses in the following category(ies). (Check appropriate space(s)):

Severity:	Configuration:	Other
✓ 1. Slight	✓ 1. High Frequency - Precipitously Sloping	✓ 1. Low tolerance To Loudness
✓ 2. Mild	✓ 2. Gradually Sloping	✓ 2. PEAK CLIPPING
✓ 3. Moderate	✓ 3. Reverse Slope	3. _____
✓ 4. Severe	✓ 4. Flat	
5. Profound	5. Other _____	

B. Specific Indications (Only if appropriate.):
(Most psychoacoustic indications such as improved speech intelligibility in background noise, must be supported by clinical data.)

1.

2.

3.

(PLEASE DO NOT WRITE BELOW THIS LINE. CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Restricted device (per 21 CFR 801.420 & 21 CFR 801.421)

David G. Lehman

(Division Sign-Off)
Division of Reproductive, Abdominal, ENT, and Radiological Devices
510(k) Number K972039

510(k) Number (if known): _____

Device Name: NU-SOUND Hearing Aid Model K

Indications For Use:

A. General Indications:

The indication for use of the air conduction hearing aids in this submission is to amplify sound for individuals with impaired hearing. The devices are indicated for individuals with losses in the following category(ies). (Check appropriate space(s)):

Severity:	Configuration:	Other
✓ 1. Slight	___ 1. High Frequency - Precipitously Sloping	✓ 1. Low tolerance To Loudness
✓ 2. Mild	✓ 2. Gradually Sloping	✓ 2. Rear Cupping
✓ 3. Moderate	✓ 3. Reverse Slope	___ 3. _____
___ 4. Severe	___ 4. Flat	
___ 5. Profound	___ 5. Other _____	

B. Specific Indications (Only if appropriate.):
(Most psychoacoustic indications such as improved speech intelligibility in background noise, must be supported by clinical data.)

1.

2.

3.

(PLEASE DO NOT WRITE BELOW THIS LINE. CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Restricted device (per 21 CFR 801.420 & 21 CFR 801.421)

David A. Seymour

(Division Sign-Off)
Division of Reproductive, Abdominal, ENT, and Radiological Devices
510(k) Number K972039

510(k) Number (if known): _____

Device Name: Widex Hearing Aid Model - L

Indications For Use:

A. General Indications:

The indication for use of the air conduction hearing aids in this submission is to amplify sound for individuals with impaired hearing. The devices are indicated for individuals with losses in the following category(ies). (Check appropriate space(s)):

Severity:	Configuration:	Other
✓ 1. Slight	___ 1. High Frequency – Precipitously Sloping	___ 1. Low tolerance To Loudness
✓ 2. Mild	✓ 2. Gradually Sloping	___ 2. _____
✓ 3. Moderate	✓ 3. Reverse Slope	___ 3. _____
✓ 4. Severe	✓ 4. Flat	
___ 5. Profound	___ 5. Other _____	

B. Specific Indications (Only if appropriate.):
(Most psychoacoustic indications such as improved speech intelligibility in background noise, must be supported by clinical data.)

1.

2.

3.

(PLEASE DO NOT WRITE BELOW THIS LINE. CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Restricted device (per 21 CFR 801.420 & 21 CFR 801.421)

David C. Seymour

(Division Sign-Off)
Division of Reproductive, Abdominal, ENT, and Radiological Devices
510(k) Number K972039