



Press Release

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The NSSC Found More Daejin Bed Mattresses Exceeding the Safety Standard

- The mattresses already requested for collection will be intensively collected by the Korean Post Office on June 16 and 17 -

The Nuclear Safety and Security Commission (Chairman Kang Jungmin, hereinafter referred to as the NSSC) has continued its inspections on the mattresses manufactured by Daejin Bed since the joint briefing on May 25. The NSSC has also continuously monitored and encouraged Daejin Bed's collection of the mattresses, and has sought various measures with related Ministries to ensure timely collection.

The measures to collect the mattresses discussed among the related Ministries are as follows.

A. Intermediate results to date

Among 24 kinds of the Daejin Bed mattresses known to have been applied with monazite, the NSSC already imposed the administrative action on 21 kinds of the mattresses exceeding the safety standard* set in the Act on Protective Action Guidelines Against Radiation in the Natural Environment and the mattresses have been thereafter in the process of collection.

* The radiation dose of the general public by processed products should be less than 1 mSv per year.

As a result of the inspection on the remaining three mattresses,* the mattresses were found to exceed the safety standard and the administrative action will be taken accordingly.

* The radiation dose of Arte 2 was measured to be 2.66 mSv/year and 195 pieces were produced; Fontana, 1.13mSv/year, 381 pieces; Hazel, 1.11 mSv/year, 455.

In addition to Daejin Bed's 24 models, the NSSC received the consumers' reports about the models which were discontinued before 2010 through the website of the Korea Institute of Nuclear Safety and so far confirmed that two models* exceeded the safety standard.

* The radiation dose of Twin Plus was measured to be 2.34 mSv/year and there is no record of production; Evergreen, 1.11 mSv/year, no record of production.

In addition, the NSSC confirmed that as a result of the inspection on the mattresses delivered according to the special contract between Daejin Bed and A Company, not individually sold through sales agents, one model (Twin power with the dose rate of 4.92 mSv/year and the record of producing 443 pieces) exceeded the safety standard. The NSSC will accordingly take additional administrative actions on Daejin Bed, and continue to investigate discontinued models and models of special edition.

In relation to the results of the inspection on the mattresses manufactured by other mattress manufacturers, released on May 25, the Ministry of Trade, Industry and Energy commissioned a detailed analysis of six mattresses – the manufacturers reported that they had use tourmaline, illite, charcoal and elvan rock as additives – to the NSSC. The NSSC started analysis thereon and, as a result, confirmed that monazite was not used and there is no effect from radiation.

Among the 66 suppliers that purchased monazite from the monazite importer registered on the list of the NSSC, 15 reported that they are selling processed products for domestic use. And it was found as a result of the inspection and analysis that those products met the safety standard.

※ After the joint government briefing on May 25, additional 2 vendors that sell bracelets and building interior materials were found.

39 used monazite for experiment, research, overseas export or kept 100% of the purchased amount. As announced on May 25 that the carpet fabric produced for export by 2 carpet manufacturers exceeded the safety standard, the NSSC plans to implement administrative actions including collection and disposal. In addition, the NSSC is tracking the remaining 12 suppliers, some of which closed their business, with the Ministry of Trade, Industry and Energy and the Food and Drug Administration are checking.

B. Plan to collect Daejin Bed mattresses

As of June 11 at 13:00, about 63,000 requests have been filed to Daejin Bed, and 11,381 pieces have been collected. Daejin Bed's collection is not progressing as quickly as it first planned in its action plan submitted to the government, so the related ministries gathered to seek alternative plans and concluded to use the logistics network of the Korean Post Office, in addition to the network owned by Daejin Bed, to collect the mattresses. According to the plan, the mattresses will be intensively collected for the two days, June 16 and 17.

The NSSC will do its best to ensure safety by providing its safety guidelines for and training collection workers of Daejin Bed and the Korean Post Office and collection vehicle drivers.